

PowerNotes

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Before we get into the actual demo, I'm gonna give you a, a bit of background and some information, um, on where you can get, uh, support, uh, for Power Notes.

Um, first, as some background Power Notes is, uh, a tool to help you gather, organize, and track your research, um, and help you turn it into writing.

And so, uh, really for grad students, um, the main purpose is, uh, as you do your research for whatever grad project or class that you're working on your dissertation, uh, you're gonna be finding a lot of resources, a lot of, uh, articles that might, uh, that might be important for the purposes of, of whatever you're doing.

And it's usually pretty hard to keep track of and organize all that stuff.

And so Power Notes is designed, uh, to make that as painless as possible.

Um, you know, make it easy for you to save things that you're viewing in your browser.

Uh, keep it organized all in one place, track it, site it, uh, and, and it basically builds an outline as you do your research.

And we'll walk through exactly how, uh, we can do that, uh, with Power Notes, um, during the course of the demo.

Um, what you see on screen right now, uh, is just some basic information.

Um, these are probably some, you know, the three, uh, things that I want you to get out of this, which is, uh, first of all, uh, you go to our website, uh, to get started.

So power notes.com, uh, there you can, uh, install the extension, um, and, and I'll talk about the different pieces of Power Notes.

Um, and you can also sign up for Power Notes, and that's where all of our help and support is as well.

Now, one of the key pieces of information, uh, is that your school has already purchased a Power Notes license, uh, for you.

So do not pay for it.

Uh, what you need to do to, uh, get the benefit of that license is when you create your Power Notes account, you use your school email address to sign up, or if you're, uh, using, if you're creating your account through Blackboard.

Um, the way I, I, um, I've been told that, uh, by your IT department is that, um, there's a Power Notes, um, link in all of your Blackboard, uh, courses, uh, as it's a module.

And so when you do click on that link, uh, it'll launch Power Notes directly from Blackboard.

And if you don't have a Power Notes account, it will walk you through creating an account, uh, using your Blackboard credential.

So you won't have to use, um, you won't have to create like a username and password.

Um, and, um, if you already do have a Power Notes account, it'll just open up that account.

Now, if you don't wanna launch it through Blackboard, uh, you can always just go to our website, uh, and create an account.

And if, if you're doing it that way, just make sure you use your school email address, uh, to sign up, uh, when you do that.

So, um, that is a key piece.

'cause that will give you, uh, all of, uh, the premium benefits of Power Notes, such as, uh, the use of ai, uh, for free.

Right? So, uh, with that said, I'm going to jump into, uh, the demo.

So I'm gonna first talk about, uh, that website, uh, that was on, um, that Help Resource website that, that I mentioned in that prior screen.

Uh, this is what it looks like.

Uh, you'll see here, there's a resources tab at the top.

Uh, you'll see, uh, a bunch of different things, uh, to get you going.

Uh, first thing is, uh, you can install the extension here.

The browser extension, uh, is a part of Power Notes that lets you save information that you're viewing in your browser.

Um, so we'll, we'll talk about the different pieces of Power Notes.

There's only two, uh, so it's not, uh, super complicated.

Uh, but that, that this is where you'll be able to install the extension.

It'll just take you to, uh, the Chrome Store, the Firefox store, um, or if you're using Microsoft Edge, it'll take you to the Chrome Store as well, um, so that you can install the extension on the browser that you're using.

Uh, right now, um, we don't support Safari, but hopefully that will come very soon.

Um, we have a Getting Started, uh, website.

Uh, that lets you, um, just, if you don't know a lot about browser extensions, uh, it'll tell you how to get started in five easy steps.

Uh, and then our video guides, uh, is a page, uh, that just has short videos that tell you about each Power Notes feature.

Um, and one longer video, which is the first video.

That's a general overview.

Um, uh, that's, that's pretty much all you have to worry about, um, pricing, again, you don't have to worry about that, uh, 'cause you will not have to pay for it.

Um, the support hubs mainly for teachers.

Um, so first three things.

Here are things that you might find helpful, uh, in getting started.

Uh, if you need to refer back to something, uh, after this demo.

All right. Uh, so, uh, one of the ways that you can, oops, I'll go back here for a second.

So you can, you, you can log in here if you don't have, if you already have an account or you can sign up here, once you click login, it'll take you through a signup process.

I'm already logged in, so I'm not gonna click on that.

Um, or you can install the extension and it will walk you through an account creation process.

Um, again, you can, all this happens automatically if you click on that link, uh, in Blackboard.

Um, so you don't have to worry about that.

Um, but if you're not, then you would either come in through our website or install the extension and come in through our extension.

Alright, once you do log into the website, you will land on a page that looks like this.

Um, this is what we call the project dashboard, right? So all of your projects are listed here, and you can think of a project as, uh, if you have to write a paper in a class, uh, that would be one project.

Uh, if you have to write a second paper in that class, that'd probably be a second project.

If you're taking notes in the third class, that would be another project.

So, um, project is kind of the high, highest level of how we organize your work.

Um, and then within a project, you can set, uh, an organizational structure and by, uh, defining a number of topics.

Um, and I'll show you how to do that now.

So you can see here on my project dashboard, uh, I have a number of, uh, projects that already exist.

Um, and then I can create a new project here, uh, at the bottom.

Uh, when you first sign up, you obviously won't have all these other projects.

Uh, what you'll see is just one example project, which has a lot of information on how to use Power Notes, and then the create New project, uh, card.

And so, um, tho that's probably what you're gonna see, uh, if you don't use, uh, having used Power Notes yet.

Um, so what we're gonna do is we're gonna create a new project for the purposes of this demo.

So I'm gonna click on create a new project.

Then it will prompt you to, uh, name the project.

So we'll call this UOPX demo.

Uh, you can put in a project description like, you know, it's due on a certain day, Put that in here.

Really, whatever you want.

There's really no limit to your project description.

And then you can set a citation format, um, for this project.

So I'm gonna set EPA, uh, and then click Create, and that'll create the project.

The next thing it's gonna do, uh, it'll, it's gonna take you to that project, but then it's gonna prompt you to create an organizational structure for that project.

Now, uh, if you don't know how you wanna organize your that project, that's okay.

Uh, we're gonna start you off with just two generic topics, background and new topic.

Uh, and if that's what you wanna start off with, uh, 'cause you can easily modify your organizational structure later.

That's, you can just click done and start, and start.

Um, but if you do know how you wanna organize your work, uh, you can create that structure now.

And so we'll do a little something here.

Um, so, uh, for background and new topic, you can change these as you see fit.

Um, most people keep the background and they'll change the second one.

So when you hover over the topic name, you'll see and edit icon, I delete, uh, icon.

Uh, you'll see the ability to, uh, change colors associated with the topic, uh, as well as drag and drop the topic around.

We'll come back to those things.

Um, for now, I just wanna edit the name.

So I'm gonna click on the edit top, edit topic, name, and then I'll be able to name this whatever I want.

So I'll call this, uh, issue one. All right.

Um, so there you go. That's issue one Now.

And then I can also add more topics.

So there's a little button up here that says Add Topic.

Uh, when I click on it, I can add another topic.

I'll call it issue two.

Uh, I'll add a couple more, and then I'll make a, An issue one A just to, uh, show you what we can do in a second.

Um, so right now I got five topics.

Uh, what if I wanted to make this a subtopic under issue one, I could easily do that.

I would just hover over this topic.

There's a little handlebar that lets me drag and drop it, and then it'll, I can just move it to wherever I want.

So you can do that with all of your topics.

It's a really easy way to kind of pick an organizational structure, move things around, edit things, change if you wanted to.

You can change the color, uh, of the topics, um, and set your organizational structure.

Now, when you do set this, it's not set in stone.

Uh, so you can change it later.

And I'll show you how to do that.

Um, so right for now, uh, so this is what I wanna start with.

So I'm gonna click done, and then you'll, you'll land on, uh, what we call our, the project outline.

So the project outline, uh, is where we're gonna show you all your research, uh, and how it overlays into your topic, how you organize that research into your topics.

Now, um, this is on our website.

So the two pieces of Power Notes are our website, where you can view, organize, reorganize, um, and start writing, uh, using all of the research you gather.

Um, but, uh, the second piece of Power Notes, as I mentioned earlier, is a browser extension.

We'll go to that later. Uh, the browser extension is where, uh, what allows you to save information, uh, that you're viewing in your browser, including all of your academic databases, uh, and things like that.

So, uh, we'll, we'll, we'll go to, we'll go to doing some research with the extension, uh, in a few minutes.

Uh, but I'm gonna show you a couple things, uh, here you can do in the project outline.

And so each project has its own outline.

Um, and, uh, you can either, uh, set the organizational structure, as I mentioned, or use our default, uh, two topics, uh, that are pretty generic.

Um, okay. So one of the things that you can do when students frequently do, uh, is, uh, particularly if they have some thoughts, uh, on this project, uh, that they'd like to put down, uh, on, not, not paper here, but put down on paper, um, they can do that, uh, with these, what we call freeform notes.

Um, so freeform notes are just, um, you can think of a, a note card, uh, when you're, you know, I don't know if anyone, anyone did research, you know, pre-digital, but I did.

Um, and you typically write things down on note cards.

And so, uh, this just creates a digital note card where you can just type in whatever you want, um, and it would be memorialized, uh, under whatever topic that you chose.

And so, I'm going to make an example, do an example here.

So I'll add a freeform note.

Um, so it'll open up a field where you can type in whatever you want.

All right, so I'm, I'm gonna think about cars. All right.

So, uh, I wanna find some good AR articles about cars, uh, for my background.

Um, and that's, that's going to remind me later on when we're in the extension, when we're doing our research, what I wanna accomplish with that particular pick.

Um, if I accidentally put this in the wrong topic, I can easily move it around.

So when you do hover over this card, uh, you'll see a little menu in the upper right hand corner that allows me to delete it if I no longer need it, uh, move it into another topic or copy it into another project, um, that, that's, uh, saved, uh, on my dashboard.

So, um, I can do all of these things with this menu.

I can also move it around by dragging and dropping, so I can drag and drop again, I hover over this card to see the little, uh, grabby icon on the left side of the card, and lets me just drag it and move it kind of wherever I want to, um, in my outline.

All right? Um, uh, the other thing I can do, uh, at any point in time is rename my topic so I can just hover over the topic and rename it.

So I'm gonna make a change here, and then change it back, just 'cause, um, uh, just to show you what you can do.

Um, and then for any topic, you can again, also delete the topic, move it into another project, or copy it into another project.

And so just list all of your other projects. All right? Um, so frequently, uh, students will, uh, create this organizational structure, um, add their own notes and thoughts so that that can kind of guide them during the research process.

But with ai, with the advent of ai, um, uh, not really the advent of ai, but with the prevalence of AI now, um, we've incorporated, uh, the use of AI in Power Notes, uh, in a couple different ways.

Uh, so the first way, uh, is in what we call the brainstorm window.

So you can brainstorm with the ai, uh, here by opening up this brainstorm with AI section.

And then, uh, it acts pretty much like any, like any AI chat, um, application that you might have used, like a lot of people have used, for instance, chat.

GPT, uh, kind of works the same way.

Um, the way that, uh, uh, that your school has set up, uh, this AI is that, uh, this a, this brainstorm with AI for everyone, uh, at your school is hooked up to, uh, philanthropic Claude Haiku, uh, which is a very powerful, uh, AI engine.

It's very fast. Um, but, uh, you know, that's, that's what we're working with here.

I, in, in my demo example, I'm using, uh, a chat GPT, um, just because that's the way we hooked it up for, for our personal, um, uh, power Notes accounts, uh, and doing demos.

Um, but you would be using philanthropic Claude Haiku.

All right? Um, so one of the things you can do, and a lot of students use AI in the beginning of a project to do background research.

So a lot of times students might not know a lot about the topic that they're gonna be working on.

So they need to get some background information before they even start, uh, doing, uh, real research.

And so, uh, I'm gonna ask it a couple questions.

So click into the window here, and I'm gonna ask it, uh, How many GM cars are on the road in Arizona? I have no idea if, uh, the AI's gonna know this, but we'll find out.

Sorry, I'm on a very slow internet connection here.

So you'll see a little bit of a lag, uh, possibly.

So there you go. Uh, and it says, okay, it doesn't have real time data.

Okay, so let me ask it a different question.

How many GM cars, uh, were on the road in Arizona in 2019? All right. Didn't know that one.

Okay, I'm gonna ask it a more standard question that I normally ask just to see if the AI knows anything.

Um, what, how does the powertrain in a combustion r work? All right. Uh, see if it has this one, if it knows this one.

All right, there we go. Um, so it, it gave me some, some information about this.

You can, uh, ask it follow up questions, just like, uh, you would be able to do with something like a chat GPT.

Um, so I can say, right, tell me more about the transmission.

All right, great. Wow, that's a lot of stuff on the transmission.

Uh, okay. Uh, and then you can, you, you can ask a lot of interesting follow up questions, like, okay, tell me in less than 250, uh, a hundred words, Right? There you go. So, the AI's very good at doing things like this.

Um, you can explain it, how you can have it, explain it to you as if you are in high school.

You can have it, uh, explain it to you, uh, in the voice of a certain person, uh, like a Mark Twain or someone that's that, that, that is published, uh, well on the internet.

So those are things that the AI is very good at doing.

Um, one of the things you can also do, uh, as you'll notice here, is you can't edit any of the AI outputs here, uh, in, uh, the brainstorm window.

What you can do is, if you want to use any of these outputs, you can promote it to your outline.

Um, and you can do that by, uh, hovering.

When you hover over the output you want to use, uh, you'll again, see this menu in the upper hand corner that'll let you add it to one of your topics, right? So I can add it to background, for instance.

So I'm gonna add it to the background.

And when my internet decides to do that, there we go.

Uh, you'll see here, now that it's been added to the background, and we're always gonna mark anything that came from ai as coming from ai.

We will give you a little snippet as to what AI you're using and when, uh, so you can create a citation, um, for, uh, that piece of ai.

Um, but once it's here in your outline, that's when you can edit, uh, the content.

Um, and so, um, 'cause you shouldn't, uh, be forced to take whatever the AI says verbatim.

So, for instance, if I wanted to change this to, you know, something else, Uh, I can do that.

And then as soon as I edit something, it's gonna be marked as edited, and I can easily see the differences, uh, by clicking on this little, uh, view differences, uh, icon here.

So, um, that's how you're gonna be able to bring AI content from the brainstorm into, uh, the work that you're gonna be, um, using, right? And you're always gonna be, you're always gonna, uh, be able to tell what came from AI and what ca and what came from you.

All right? Um, so there's also ways to, uh, manage your AI thread.

So this is one thread where we're talking about cars.

Um, and, uh, uh, and so if you wanted to start a new thread, you would just click on the new brainstorm link here at the top.

Uh, and that would just clear everything out, uh, and you can type in a new topic, new question.

So I'm gonna ask it an unrelated question.

Uh, what is the rule against perpetuity? All right. Uh, so again, the AI is gonna answer it, and then, uh, uh, you can ask it follow up questions if you want to.

But, uh, we're gonna keep moving.

So I'm gonna click New Brainstorm just to show you that all of your previous brainstorms are stored in this previous brainstorm section, uh, where if you open any of your brain's previous brainstorms, you'll see the entire thread, and you'll be able to continue that thread, uh, by typing additional questions, uh, in the field bottom of that thread.

All right? Um, another thing you'll be able to do, uh, is for any particular thing that you've moved into, uh, your outline, you'll be able to see, uh, where it came from.

So if you click on the upper right hand corner of a card that was generated, uh, from ai, you'll see a C ai, a c original AI output, uh,

button here.

When you click on it, it'll just open up the appropriate thread and scroll to it.

Alright? So if you have a lot of threads and a lot of things, you promote it to the outline, you can easily find where it came from.

All right? So, uh, that's how, uh, a lot of people you can use, uh, DI, uh, as part of, uh, the beginning of your research process. In par. You have questions? Yeah, there's two of them.

So one is, if you're working on a research team, can you share specific notes with the team or a single person? And the second one says, can AI check for plagiarism? Okay. So, uh, the first thing is, yes, you can share.

And I'll, and I'll go into that.

I'm gonna, I'm gonna go into that right now.

Um, so at here, here at the top of your project, you have some icons, right? So the first one, you can change your citation format.

Um, the second one, uh, I don't actually think this one's enabled for you guys, so don't worry about that one.

Um, the third one is sharing. All right? So if you wanted to share just this project with a person or team, you can do that.

Uh, so when you click on this sharing icon, it'll tell you, Hey, you're gonna share this project.

You can enter the email address or email addresses, uh, of the person or people you wanna share it with.

Um, and then you can assign them the role of either commenter or editor, right? Uh, and so if there are a commenter, uh, that means they can see your entire project, um, but they can't change any of it.

So they can't change your notes that you, they can't, um, edit your, uh, your research.

They can't add research to it.

Um, but they can see it and they can comment on it, and I'll show you how you can comment on it in second.

Um, or you can make them an editor.

The editor can do everything that you can do, um, including add research to it.

So if you, you want to do like a collaborative research project, you would make everyone on your team an editor, and you can make people diff give people different roles.

So if, you know, you had, um, you know, uh, your, your advisor that you wanted to be able to see everything and comment, and then you had a team that could actually do research, you can assign them different roles.

Um, so that's where this is.

And everyone that's, that you're shared with will show up on the right side once you share it.

Uh, and then you can even adjust their roles or remove them from the share it later times.

All right? So that's, that's the answer to the first question.

The second question is, uh, checking for plagiarism Power Notes doesn't check for plagiarism, right? Um, and, uh, I don't know if you can use the AI to check for plagiarism.

I, I wouldn't rely on it.

Um, uh, I think there have been, uh, at least I've seen anecdotal, uh, evidence, uh, in articles that, you know, certain AI engines, uh, are better than others at doing things like plagiarism.

But, uh, I don't think you should rely on ai, um, in this kind of context to check for plagiarism.

We should probably use a, a real plagiarism, kind of a checker, um, that's specialized in that.

Um, any other questions? There's a follow-up question, Wilson. Sure.

Does the person you are sharing with have to also be a paid user? No, they do not.

Uh, and so, uh, if you share it with a non-Power Notes, um, user, uh, so they don't even have to have a Power Notes account, um, what, what they'll, they'll need it to see the, to see your work.

Um, but you won't, you don't need to share it with someone that has a Power Notes account.

You can share it with someone that doesn't have a Power Notes account yet.

We'll send them an email saying, Hey, this person's trying to share this Power Notes project with you.

Um, and if they want to accept that share, they'll have to create a Power Notes account and, and accept that share and that shared project they'll be able to, uh, participate in, um, even without paying for Power Notes.

Um, so that's how our sharing currently works.

Um, 'cause we do have faculty, for instance, uh, that do research with Power Notes and wanna share with other faculty, uh, that might not have an institutional license power Notes, and we want them to be able to work together.

Uh, any other questions? All right. Nope, that was the last question.

Great. Uh, and the last one we'll come back to is the export function, uh, which lets you export, uh, whichever in your outline, into a word processing document that can be opened in Microsoft Word or Google Docs.

Um, you can either export the entire outline or just the bibliography.

Uh, you can export to a number of spreadsheet formats that we'll kind of come back to, uh, or you can export all of your source metadata into an RIS file that you can import into, uh, you know, something like the Zoro or RefWorks, right? Um, but, uh, so most students, um, when they're working on, uh, in Power Notes, uh, will do some work here before they actually start doing research.

Um, and they'll, you know, include, uh, AI work, uh, for getting background information.

Um, but there are things that I think, uh, you know, hopefully, uh, everyone should be aware with, uh, aware that there are limitations to ai, uh, regardless of what kind of AI you're using, right? Uh, so you should always be careful when using ai, uh, making sure that, uh, you're, you're looking at the AI outputs with some level of skepticism because the ai, uh, does, uh, has the ability to make things up.

And that has been well documented, documented in the popular press.

There are certain things that it tends to make up more often than others.

For instance, you should, I don't feel like you should ever ask the AI for sources.

Um, that is, again, a well-documented situation where the AI tends to make things up at a very high rate.

Um, so you're still, you should still be going out and finding sources for the purposes of doing your research, and that's kind of done the old fashioned way, which is, you know, searching, you know, ideally in your library and their academic databases, but using Google as well, uh, to search for, uh, material for your work, uh, to support your work.

Um, so we're gonna do that now. So we're gonna shift gears.

Um, so we've done some background research.

Uh, we kind of have an idea on what to search for, and we're gonna go, uh, search, uh, and find some articles.

So, uh, we're gonna shift gears to, uh, going to the browser extension now.

And so, um, the browser extension, uh, doesn't install itself, unfortunately.

So you actually have to, uh, take steps to install the browser extension on your browser.

I show I told you how to do that in the beginning, which is, um, you can go to our website, uh, pull down that resources tab, go to install Extension, and that'll take you to the appropriate store.

Or you can just go to the, the store, like the Chrome Store and just search for Power Notes, and it'll, and it'll show you, uh, where you can install it.

Once you do have it installed, uh, you'll see part of the browser extension, it will have a little tutorial.

So all the stuff that I'm gonna show you, uh, will be included, or not all of it.

Most of the basics of the, what I'm gonna show you will be included in the tutorial.

Um, or you can dismiss the tutorial if you don't want to go through the tutorial.

Um, but it should be pretty straightforward.

Um, part of the browser extension is this right side you'll see on your screen.

Um, so the right side we call the sidebar.

And then, uh, you can do a few things in the sidebar.

Uh, first thing I wanna show you is to switch projects.

Um, so I can switch projects by clicking on the project name at the top of the sidebar.

Uh, so you'll see here that I have, again, a number of different projects.

Here. You'll see this ULL PU, uh, UOPX demo project that we've been working in for the, during this demo.

And I'm just gonna switch to it.

Oh, here goes my internet connection.

Um, all right, there we go.

Um, so you'll see here, uh, the, the things that you've already kind of worked on, uh, your organizational structure, the things that you've put in there, either your own notes or things that you've promoted to your outline, um, from AI are already gonna be here.

That's always gonna be there for you, um, because we want you to kind of have the main purpose of, of the sidebars give you a running, a live view of all of the research you've gathered.

All right? Um, so we're gonna, we're gonna highlight, we're gonna gather some information from a couple websites.

And again, power Notes should work pretty much everywhere.

I can't guarantee that it does work everywhere because everywhere's a lot.

Um, but we do know it works on over a hundred thousand domains, uh, including, um, you know, we've, we've done integrations with, uh, your academic databases, so those should all be covered.

Um, uh, but, uh, and we'll, we'll talk about what happens if doesn't work somewhere.

Uh, alright, we'll, we'll, we'll get into that.

Um, but before we do that, we're just gonna show you some basic, um, how it basically works and how you save information into, uh, power Notes and how you grab it from your sources.

Alright? So, uh, when I was in grad school, uh, we didn't have power notes, and so I would have to copy and paste stuff from, uh, the research sources into like a word processing document, right? And I found that very frustrating, um, kind of prevented me from reading as thoroughly as I could have.

And so, power Notes was designed so you don't have to copy and paste.

Um, so when you do wanna save information, uh, instead of copy and pasting, you're gonna highlight the information as if you're gonna copy and paste it.

And then as soon as you highlight something, this box is gonna pop up, right? So this is, these items in this box are, is your organizational structure, right? So, uh, you can say, you know what, this, I think belongs in this topic, right? So you just select the topic, uh, it'll prompt you to take notes on that, so you can take whatever you notes you want, you, notes you want, um, and then it'll save that information.

So, um, it's, it's kind of doing a lot, and we will walk through what it's doing in the background, but it's designed to allow you to, uh, save things as quickly as possible while keeping them organized and taking notes on them so that you can focus on reading and understanding rather than the mechanics of saving.

Um, so again, highlight, select your topic, take your notes, and then continue on reading, right? And then in the sidebar is where we're gonna show you, um, all of the things that you're saving, uh, that you have saved.

And so all of the things, uh, that are in quotation marks, uh, are things that you highlighted so you know, they're not yours, uh, they're from somewhere else.

Um, so while we don't check for plagiarism, we do prevent, uh, plagiarism from, uh, what most people think is the vast majority of plagiarism, which is accidental plagiarism.

Um, so that's usually, uh, when you're not as diligent as you need to be during the research process, uh, maybe you copied a bunch of stuff, uh, into a document, you intermingled your notes in there, and then at some point, like two weeks down the line, uh, when you picked this project up again, you forgot what came from where, right? Um, and so with power notes, that can't really happen.

So, uh, you can't really remove these quotation marks.

Uh, your notes are in a separate field that you can edit at any point in time.

Uh, and we're gonna automatically do some things in the background.

Um, so for instance, we're gonna grab, uh, a link back to the source, uh, right here.

Um, so you can always come back at any point in the future.

You will never lose this source, another source of, uh, unintentional or accidental plagiarism.

And, uh, just by you highlighting something, we're gonna generate a citation or try to generate citation doesn't work a hundred percent of the time, nothing really does.

Um, but we're gonna try to generate a citation.

You can access that citation by clicking on this little quotation icon, right? So when you click on it, it'll show you, uh, what we, uh, the citation that we created in the citation format that you selected.

You can change it here if you want to.

Um, but, uh, we're gonna show it here.

And we, we ask you, we ask that you, uh, check the citation and edit it if necessary.

You can just jump right here in here, into here and change things that you think are wrong with the citation.

Uh, we found it to be right about 85, 90% of the time.

Um, and then you can save whatever changes that you make by click and save, uh, and then that, that, those changes will be saved.

Alright? So all that stuff happens in the background.

You don't have to check citations, right? When you're, you know, highlighting.

You can do that at the end of reading the article.

Um, but you should check it, uh, you know, as, as you get through articles.

I mean, that, that makes sense. All of your information about that articles can be right here.

Um, and so you can easily check it, check it here. Alright? Um, so that's generally how you save information.

Um, I'm gonna just show you on another website, uh, just to show you that.

And my internet got some issues right now.

I'm getting the, uh, connection warning Wilson wallets getting itself together.

Can I ask another question? Of course. Um, So can, uh, someone posted a question.

Can multiple people work on one document in Power Note? Yes. So if you share the project as, and, and the people that you share it with, if you make them editors, the, this project will show up in their extensions, and so they'll be able to do research simultaneously.

Uh, and we've done this, you know, we've had real world projects where students and, uh, are, are, you know, sharing with some groups of 20, 30 people.

So, you know, it's, it works, um, and it can work with a lot of people.

And so, um, uh, just, just make sure they're an editor, and then they will be able to, um, do real time research, uh, at the same time you are and put everything in the same project.

All right? So, uh, we're here in another article.

Uh, again, I'm just gonna highlight something.

It works the exact same way.

Um, uh, you just highlight, you can take your notes and then we'll save that information.

Um, and we're, what another thing you're gonna be able to do is you can, uh, save images, charts, and diagrams so it's not just text.

Um, and so the way to save images, charts and diagrams, two ways to do it.

Uh, one is to take a screenshot, right? So, uh, there's a little button here, uh, that says, take a screenshot.

Uh, when I click on it, uh, it'll give you cross hairs, uh, where you can select exactly what you wanna save, and then it'll prompt you to organize it.

You can annotate it whenever the internet decides to work.

Here we go. Um, and then, uh, it'll save, it'll save that here.

All right? Um, and you can just click on the full view to see it.

Um, and so, uh, that's a way to save images and charts and diagrams.

Uh, you can also right click, you'll see a saved image to power notes option here.

Uh, a lot of things, uh, might you not, might not be able to right click, which is why we have the screenshot option.

Another thing you can do, as I mentioned earlier, is easily change topics, um, or, or add topics, sorry, my fault add topics.

And so if you find something that's gonna be important, doesn't really fit within your current organizational structure, you can click on the little add topic button here.

It'll open up a field where you can type in the new topic.

So I'll call it miscellaneous internet.

Come on. There we go.

Uh, drop into your new topic, take your notes, and then we'll save that here in that new topic.

Alright? So you should be able to add topics on the fly, alright? Uh, also here, you can do a couple other things in the sidebar.

Uh, one is you can bookmark things.

Uh, so if you want to come back to this page and didn't really wanna highlight anything specific, you can just click add bookmark, and then it will create a bookmark category.

Drop a link in it, uh, to this page.

Uh, you can annotate this.

Uh, and then, uh, you'll have that bookmark here that you can also, again, this menu, uh, that we saw in the cards on the project outline are here as well.

Uh, you can delete this bookmark, move it into another topic, or copy it into another project, just like any other card.

So this, this, these are all, they are all here, all right? Um, you can also here add your freeform notes.

Um, so if you're doing research, you have a question, you want to, you want to take notes on something that's not related to a source, uh, you can just pop open in a freeform note, type in whatever you want, uh, and it'll, it'll memorialize it here.

Uh, we want you to be able to, uh, uh, take notes without leaving your research environment.

Alright? Uh, so those are, uh, a few things you can do in the sidebar.

Okay? The next thing I'm gonna show you is an AI feature, uh, that you can use in the extension, right? So as opposed to the brainstorm feature that you use, a project outline where you can interact with the AI in pretty much any way you want, ask it whenever you want.

This works differently.

Um, so this is a little star icon here, um, and it's called Discovery.

And so what it'll do is it will send the contents of the article that you're on to the ai and the AI will send back three things.

Uh, let's see how fast it does it here with my internet connection.

So I'll click on that.

So it's gonna send this article to the ai, it's gonna send back a summary.

Um, so the AI's fairly good at summarizing, uh, information.

Uh, it's gonna send back related research articles based, or, sorry, related, related research topics based on the article contents that are generated by the ai.

And you're gonna be able to search those contents right now, it's in Google, um, by just clicking on the topics themselves.

So we'll do a Google search, and then you click on and, and move to whatever article you think might be more relevant to what you're trying to accomplish.

And then the last section it'll generate is a q and a with the article, right? And so the first three questions and answers will be generated by the ai.

Um, and then you'll be able to ask your own question.

Um, and we're gonna, we're gonna do, we're gonna ask this question in a very specific way.

Um, and so, uh, as you'll, as you noticed, uh, in brainstorm, we can just ask whatever it wants, right? So what we've done is we asked it whatever we wanted, and the AI gave us answers based on the AI's training, whatever that is, right? And again, we know that the AI can be wrong, right? One of the things that we're trying to do to minimize the chances that the AI is wrong in certain circumstances, like this one, is to, um, if we have information that we know the AI should be thinking about, like this article, we can limit the AI's knowledge to this article, uh, when it answers, uh, whatever we're asking.

And so we're gonna do that.

That's what happens here in Discover.

And so we're, and we're gonna, it's gonna happen in other places too, and I'll show you that later on.

Um, but we're gonna ask it what we call, uh, a, a, a question.

And it's, it's gonna ask the AI in a closed prompt format.

So it's only we're gonna tell it when you ask the question in between, when you ask it, and when it gets to the ai.

We're gonna tell the AI to only consider the contents of the article when answering this question, right? As opposed to letting the it just answer it based on whatever it thinks it does, right? So I'm gonna ask it a question here.

So, because, uh, this particular person that I'm asking the question about is mentioned in the article, uh, the AI is going to answer the question, uh, again, based on the article.

Uh, but if I do ask it a question that's not related to the article, the AI would normally answer, Uh, it's going to say, Hey, that's not relevant.

Ask a different question, right? So, uh, this is called what we call closed prompt, uh, closed prompting of the ai, again, limiting the AI's knowledge to a body of, of knowledge, uh, that we, um, believe we want, we want limit it to, all right? Um, and the purpose of discovery is to help you triage research.

And so, uh, normally when you do a search, you'll get potentially hundreds of, of responses, and it's, it's very difficult and time consuming to get through everything, um, by, by reading the articles, right? So this is a way that the AI can, can help you break down the articles, um, and decide if you want to focus on them, uh, or if they're actually not really that relevant, and it can even point you in some directions that might be more relevant.

All right? All right, so that was brainstorm. All right.

I'm gonna, uh, answer any questions before I talk to you about some of the logistical things that I think are gonna be important about the extension.

Any, any questions so far? Yes. Well, Wilson, there's one question.

So, before this, which was amazing, my mind is blown, but, um, there was a question about the screenshot option, like, where could you show where that is again, where they can do the screenshot and, and upload that? Yeah, so at the top of, uh, I'll just walk through all of these icons for the, for the recording.

Okay. Um, so, uh, when you're looking at the sidebar, right at the top right is the name of the project that you're working on, right? You can change projects by clicking on this little carrot, and it'll show you all, all your projects.

You just click on the project you want, it'll change, alright? Um, this Power Notes icon that will automatically open up a new window and take you to your Power Notes dashboard on our website.

So that first screen I showed you inside Power Notes, it'll take you there, all right? No matter what you do. Um, now let's walk through these icons in the middle, uh, not in the middle, in the second row from the top bookmark, we talked about that.

So you click on the bookmark icon when you're on the article, you wanna bookmark and it'll create a bookmark category and put that link to that article right here in that bookmark category.

And then the next one is screenshot, right? So right next to bookmark is screenshot.

Um, and, uh, the screenshot one I showed you that one, it just gives you the cross hairs.

So we can select exactly which you one screenshot.

And then right next to that is discovery, and that's an AI feature that summarizes the article and does those other things.

Uh, right next to that is project outline.

We'll come back to that in a second.

So, at any point in time when you want to go back to the project outline for this project, you can just click on that big button that says Project outline, right? Right after that is sort and filter.

So if you wanna look at, uh, your information, 'cause a lot of times, hey, you're gonna be doing a lot of research.

These things can get long.

Um, and so, uh, if you wanna just see what you highlight on the current page, you can filter, uh, show that, uh, summaries, just your bookmarks, uh, anything with comments, uh, from, from like another person on your team, you can sort and filter by all those things, sort by topic, date, source, editor, if it's group project, lots of different ways we can slice and dice whatever's in this project.

All right? Uh, you have, uh, those, uh, those, those filtering and sorts also, um, in the project outline, uh, that will you, you might have seen on the right side of your screen.

We'll, we'll come back to that. Alright, so those are sort and filter options.

And then the main part of this is obviously where all your research lives.

Okay? Um, a couple things that I think will be, uh, particularly useful for students.

Um, one is, uh, sometimes, uh, this right side, the sidebar will get in your way, right? It's, it could be annoying.

Uh, you can in, in a number of ways, change the sidebar so you can make it bigger.

Uh, so you just cover over the edge of the sidebar, you'll see a little, a little thing that lets you expand it if you want to see more of, uh, more of it, or you can just slide it all the way to the right.

Um, and then it'll just hide almost everything except for this, this one, uh, slice on the right.

Um, you can also minimize it to an icon.

So in the lower right hand corner, you have a minimized button.

And the minimized button just takes all that sidebar and just puts it into an icon.

So it's in this icon right now, not in your way.

You can even, if you need the lower right hand corner, you can drag, drag the icon around your screen to free up that lower right hand corner.

If you want to come back to, uh, research and opening up the sidebar, you just click on the icon again.

Um, there we go. And then it just, it, it expands, right? So that's how you can, uh, open and shut the sidebar.

Now, as I mentioned earlier, if you want help, so say, you know, power Notes doesn't work on this website or whatever, uh, or you have a suggestion, or, you know, something's wrong or something, you, there's something you want to tell us as Power Notes, you can do that.

So first place to do that, uh, is here.

So there's a little red tab on the right side of your, uh, your sidebar that says Help, right? So when you click on that, it'll slide out and say, okay, what do you, what kind of help do you need? Power Notes, tech support, right? So when you click on that, it'll open up a, a window that will let you, uh, send us a message.

Uh, it'll have the URL pre-populate so we know what page you're having an issue with.

Uh, you can type in your whatever message here, click submit, and we'll get right back to you.

All right? So if you are ever run into a tech issue, that's where you go first.

All right? The other help item is if you just don't know how to use something, uh, wanna refresher, it'll open up a page that has all that, you know, I mentioned earlier, power Notes, video tutorials, just guides.

So short videos on each feature, and one overall, uh, quick overview.

All right? So that'll open up that page, so you can easily get to that, those help pages.

All right? A couple other things.

People that know how to use extensions will know that your extension lives in this little extension tray at the top right of your browser, right? So it's, it's like this for pretty much every browser.

Um, and so you'll see a Power Notes icon here.

If you don't see it, you should pin it to this extension tray.

You can do that in Chrome by clicking a little puzzle icon.

You'll see what, what's pinned and what's not.

You just pin it by, you know, unpin it, pin it, uh, and it just shows up or not shows up, um, based on the, the pinning.

Um, but once it's pinned and you can click on it, it'll give you some more options.

Uh, those help options are here as well.

So, tech support and para notes guides, um, settings are for people with visual impairment.

So it can do things like, uh, go into high contrast mode, um, things like that.

Um, most people probably won't really need to do that.

Um, you can log out here, although we don't recommend that you log out.

If you're not doing research and you want Power Notes to go away, uh, just click on this Enable Power Notes button, right? So there's a

big switch here at the top, uh, of the extension dropdown that says, enable Power Notes.

Right now it's on. Yes. And if you don't wanna use Power Notes and you're just surfing the web, you don't wanna like the highlights, show up the popups to show up.

Just click this to no, right? So just click no.

Everything goes away, right? Um, and so, uh, here, when you highlight now, like nothing happens, 'cause Power Notes is disabled, right? So nothing, nothing Power Notes is gonna show up.

When you're ready to do that research again, uh, then you can go back up to the extension dropdown again, and then you can enable Power Notes, change it from no to, yes.

And then, uh, when my internet catches up, everything should show back up.

And, uh, you should be ready, uh, to go and do your research again.

Wilson, there's a question. Yeah.

Um, um, they're asking if you could do a quick install extension from MacBook Pro.

Uh, I don't have a MacBook, but it's the same exact way.

Again, it's, um, Mac MacBooks come natively with Safari.

And so what you're going to do, and most, most people that have MacBooks not, I mean, 80% of people use Chrome.

Uh, and so that's, that's the first extension that we built is Chrome.

Um, and we also support Firefox and Microsoft Edge.

Um, we don't support Safari yet, so if you don't yet have Chrome or Firefox on your Mac, you'll have to install it.

Um, and then you'll be able to install the power, uh, extension after that.

But the way that you would do it is, uh, you can either start here, as I mentioned earlier, install extension in your browser, and you'd land here.

This is the Chrome Web store, and you would just click add to Chrome.

All right? Um, and then it would, it would just go, go in and go and install it.

All right? And then, uh, it would prompt you to log in or create an account.

And then once you do that, uh, you're off and running.

Thank you. Yep.

All right. Uh, one more thing I'm gonna talk about in the extension, uh, is PDFs.

All right? So, uh, PDFs, uh, you can use Power Notes on, uh, either PDFs that are online or on your computer, so you can save PDFs to your computer, uh, and you can, uh, open them in your browser and use power notes on that.

PDF, uh, just like, uh, an article, uh, uh, like a website, uh, again, you just highlight on it, select your topic.

Um, take your notes.

Uh, and same exact thing.

A couple interesting things about PDFs.

Uh, sometimes you'll get an older PDF that doesn't have a text layer, right? So you can't highlight on it.

You can't select things and copy and paste.

Um, one thing we'll do, uh, is we'll try to detect that it doesn't have a text layer.

Um, if we do detect that it doesn't have a text layer, we will prompt you, uh, to process that PDF.

Um, and what'll happen is, uh, you'll get a little pop up here at the top of the sidebar that says, Hey, this PDF doesn't, uh, needs to be processed before you can use power notes on it.

Um, you can, even, even if things are in foreign languages, it'll, it'll let you select the language.

Um, and then you'll click the process button, and then what it'll do is run, uh, a process where it'll add that text layer to that scan, PDF, uh, then it'll prompt you to save the, the text version, uh, to your computer.

Uh, and then when you open that up, you'll be able to highlight on it.

So a lot of times students will run into, uh, an old PDF that they can't highlight, and that's frustrating.

Um, so, uh, we aim to do that in the app and usually takes, depending on the length of the PDF, you know, five to 20 seconds.

Um, now we only do that for PDFs that are, uh, under 200 pages, right? And, and we do that in the app for under 200 pages.

Now, we do OCR, it's, the process is called OCR.

We do OCR PDFs that are larger than 200 pages, but we, you have to send it to us.

Uh, we'll prompt you to send it to us.

Um, and then we'll, we'll OCR it, uh, here, and then we'll send it back to you, uh, the, the text version.

All right? Um, so that's that. Um, any questions on PDFs? All right, any other questions in the, that, that we've had before we go back to the project outline? There are no more questions in the chat.

All right. So I'm gonna then click on project outline, and that'll take me back to the outline for this project.

And at this point, we're gonna have much more stuff in our outline because we've gone out and done some research, right? So you got all this stuff here now, right? And this is where, uh, it's a good idea to reorganize your research.

Um, one of the problems that I had, uh, before Power Notes is that when I copy and paste stuff into a document, it would then be very

difficult for me to reorganize my research, and that would lead to me not organizing it at all.

Um, and that's a bad idea when it comes to writing.

'cause not only is it, um, uh, slower, but it's, you're gonna write, I feel like your writing's gonna be worse, and a lot of other people feel the same way.

Um, so here, uh, you can easily reorganize it.

'cause again, remember we're going back to like that note card concept.

It's very easy to reorganize note cards.

You just move them around your screen, uh, to reorganize those note cards.

And so we just make it, uh, you know, super easy, uh, to reorganize your information.

Just drag and drop stuff around.

Uh, as you remember, you have that menu at the top right of each card as well, so you can delete things that are no longer relevant or, or move things a longer distance, um, based on, uh, uh, if you have a lot of topics and a lot of content so you don't drag and drop like a, a across a really long screen.

Um, so easy ways to reorganize your information.

Again, you can do that with entire topics.

Um, so, uh, that's, that's a, an easy way to reorganize, uh, on a large scale.

You can even go back to that first topic manager when you created the project.

Just on the right side here, you'll see all your topics.

You can just hide topics.

If you just wanna see certain topics, um, uh, you can filter, uh, on, on a bunch of different concepts.

Uh, you can also sort, again, by topic, date, source and editor.

Um, but you can also click on manage topics.

And that'll bring up this screen again.

So here's where you can reorganize on a large scale.

So you can, you know, change this.

You know, if I wanna make this, You know, editing all of your stuff and changing and reorganizing your information is just super easy.

All right? Um, when you do move a topic around all of the cards under that topic move as well.

So you don't have to move cards one by one.

You just move the topic. All right? So, uh, that's how you sort and filter.

Now I'm gonna go back to the ai, uh, 'cause a lot of the times you'll have information, um, and you'll, you might want the AI to do something like, uh, for instance, um, I might say, right? I'll open up the brainstorm window again.

I might say, okay, I've gathered a bunch of stuff.

Now I want the AI to summarize some things, or maybe, uh, synthesize them, or, you know, give me, uh, an idea for introductory paragraph, things like that.

And the way that we're gonna do that, once you have some research, uh, is we're gonna give you the ability, ability to do that.

And again, a closed prompt format.

So what we're trying to do here is, again, since you found a bunch of research, you know, these, these articles are real.

The AI did not make them up.

You found them and you already read them, and you, you decided what was important for the purposes of your project.

Uh, we're gonna allow you to put that stuff into the ai.

Um, and then we're gonna tell the AI to only consider those things when it does whatever you ask it to do.

Uh, again, so we want to minimize the potential for the ai, uh, to give you something that's completely made up, right? Um, so we're gonna say here, as soon as we click into the AI brainstorm with AI window, you'll see that my outline turns into check boxes, right? So I'll be able to select, uh, the exact pieces of research that I want to include.

So, say, I want this, uh, I want this piece.

The thing that came from ai.

Uh, I want this thing I wrote myself and say, I want those three things.

All right? So I wanna include those in my AI prompt.

And I'm gonna say, summarize in five bullet points.

I could easily say, uh, summarize in the voice of Mark Twain.

Uh, summarize in, you know, a hundred words less.

Uh, write me an intro paragraph.

If my topic is this, like a lot of different things you can ask the ai, I'm gonna ask something simple.

But, uh, what happens if you do select some of your research? It's going to add that research to the prompt, and then it's going to, uh, do whatever you ask it to limiting, uh, the AI's ability to answer it to the, the things that you gave it, right? So we wanna, this is where we're really trying to force it to give you things based on your work, right? So there you go. Again, you can do, ask follow up questions, ask it to modify things.

I do this all the time in my day-to-day work.

Um, the AI almost never gives me exactly what I want, uh, in the beginning, but as I massage it, uh, ask it, follow up questions, ask it

to change things, it gets closer and closer, and you can work with the AI in that way.

Um, all right, so that's what we call closed prompting with the AI, alright, with brainstorm.

Alright, then that's any point, as I already mentioned, you can export it to a number of different formats.

Uh, the outline is everything that sets in your outline or just the bibliography, it's gonna, the bibliography is going to be in a generic bibliography format.

The citations will be in the citation, uh, format that you selected, but the bibliography will not be in the style of that, of that, uh, like an APA or an MLA.

So you might have to modify the formatting a bit to get it, uh, to do the, like the indentations, right? And stuff like that. Um, alright, uh, the Excel spreadsheet downloads.

So the spreadsheet downloads, uh, are for different types of analysis.

All right? So they'll take your information that you've gathered that that's in this outline, and it'll put it into a spreadsheet in different ways so that you can look at it for different types of analysis.

And I'll give you one example.

Um, this is mostly for teaching, but I, a lot of grad students, I mean, the first two are four grad students.

Um, when you're doing it, if you're doing a lit review, for example, um, this is, this could be very helpful to you.

So what it'll do is if you select the first one, it'll take all of the information in your outline, um, and it'll put it into a spreadsheet such that all of your topics, whatever they are, uh, will be across the first row.

And then all of your sources, whatever you found, will be down the first column.

And then anything that you highlight or annotate in each source that you've attached to each topic will be in the, in intervening cells.

And so, if you wanted to, for instance, uh, analyze a particular article, you can just summarize across the row.

'cause that's all for a single article.

More importantly, if you want to synthesize across articles, you can just summarize down the columns.

Um, and this is how a lot of grad students, um, start off with their lit reviews, is they create this sort of a spreadsheet.

Um, and that's, we kind of do it automatically, right? Instead of you having to like copy and paste stuff into a spreadsheet.

Uh, the second option, uh, for, uh, export is just the reverse of that.

So if you flip the, uh, axes such that your topics are down the first row and your sources are across, sorry, topics are down the first column, and your sources are across the first row, that's the second export.

Um, the other ones you can take a look at if you want.

Um, they're for different things.

Uh, some of them are pretty specific.

This last one, for instance, is for law students typically.

Um, so, uh, there are different ways that you can look at that information.

Um, um, all right, so I'm gonna quickly go into just a little bit more about sharing.

Um, so if you did share this project, uh, with people, uh, you can, uh, add comments.

So anytime you hover over a card, uh, you'll see this little add comment thing pop up, right? So add, comment, add comment, lower hand corner.

And when you click on it, it'll just open up a field where you can put whatever comment you want.

You can even comment on your own stuff.

So for instance, if you're doing like a reflection on something, you can put in comments there, but it's really designed for people that you share it with to comment on your work.

Um, so, uh, whether they're a commenter or an editor, they will be able to comment, uh, you, so everyone in your group, uh, so they can add whatever comments here.

Like, you know, good article, but did you find, You know, blah, blah, blah, whatever.

Um, uh, and we're gonna record the time and who commented, um, all that sort of stuff.

And you can actually, you're gonna get this in real time, uh, as the author and everyone in the project will, and they can comment back.

So you can have a full dialogue amongst your team on any specific piece of research.

Um, you can also do that, uh, on a project level, uh, with the add project comment feature.

All right? So, uh, that's it.

So I know you had a lot of questions. That was great.

Uh, you know, we had, we went a little bit over.

Um, but that is most of how you use Power Notes.

Any questions, uh, that came up.

All right. One last thing, oh, by the way, is you can get help here as well.

So tech support, power notes, guidance.

So it's a, it's on every page.

Fantastic. Any final questions? All Right, well, thank you.

Well, you have the recording.

Um, if you have any questions, uh, where you want to contact us, we are available.

Uh, I would actually re recommend, you know, those questions come through tech support.

Um, 'cause that's when you, that's gonna get you the fastest answer.

Um, and you always have, uh, uh, our, our attention when you do that.

Fantastic. Thank, uh, everyone is sending some thank yous because this was amazing.

Um, this tool is, I used it before the AI was in it, and now it's just gone to another level.

So kudos to you for in your team.

Yep. And we're gonna be doing a lot more in that on that side.

We're gonna be doing a lot more with the AI, and you'll see those rolling out over the next several months.

Wonderful. Um, thank you all for joining.