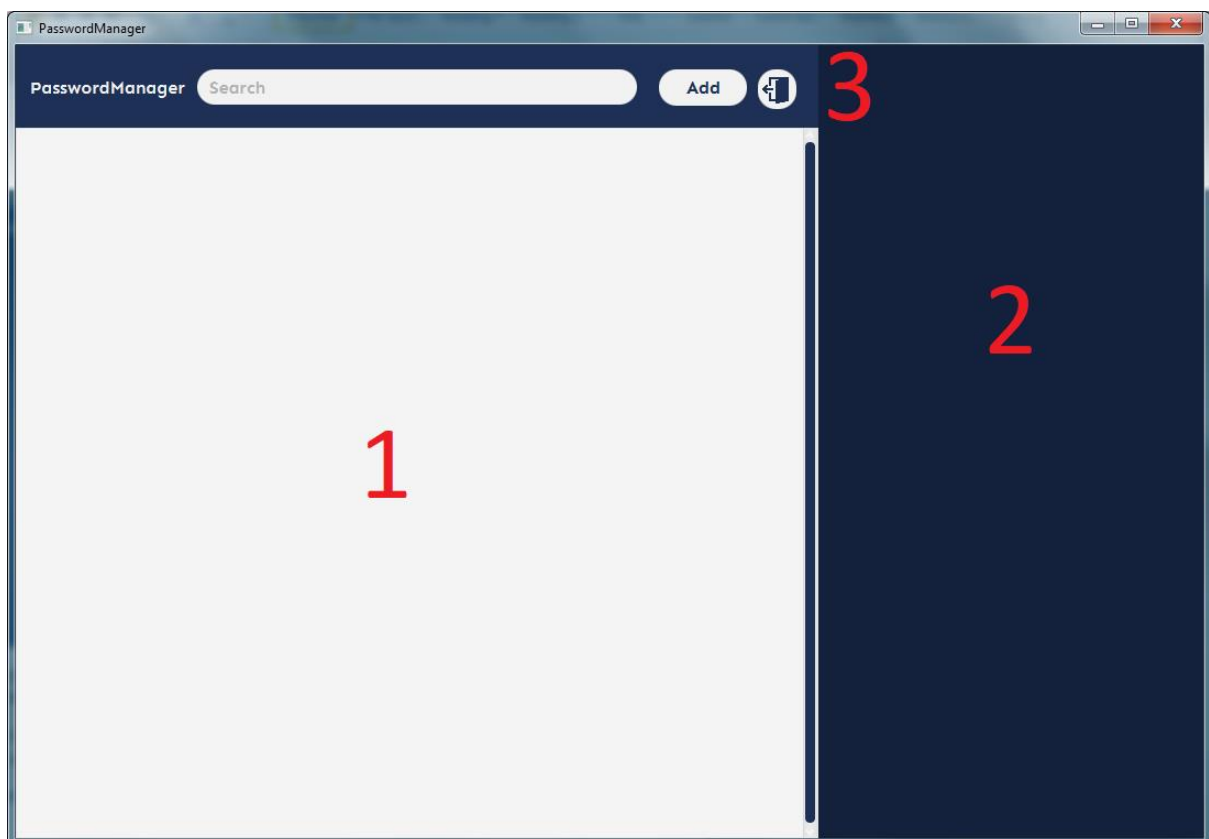


When a user opens the application, he is greeted by the login window, shown above. Here, he may choose to log in, or create a new account if he does not already have one.

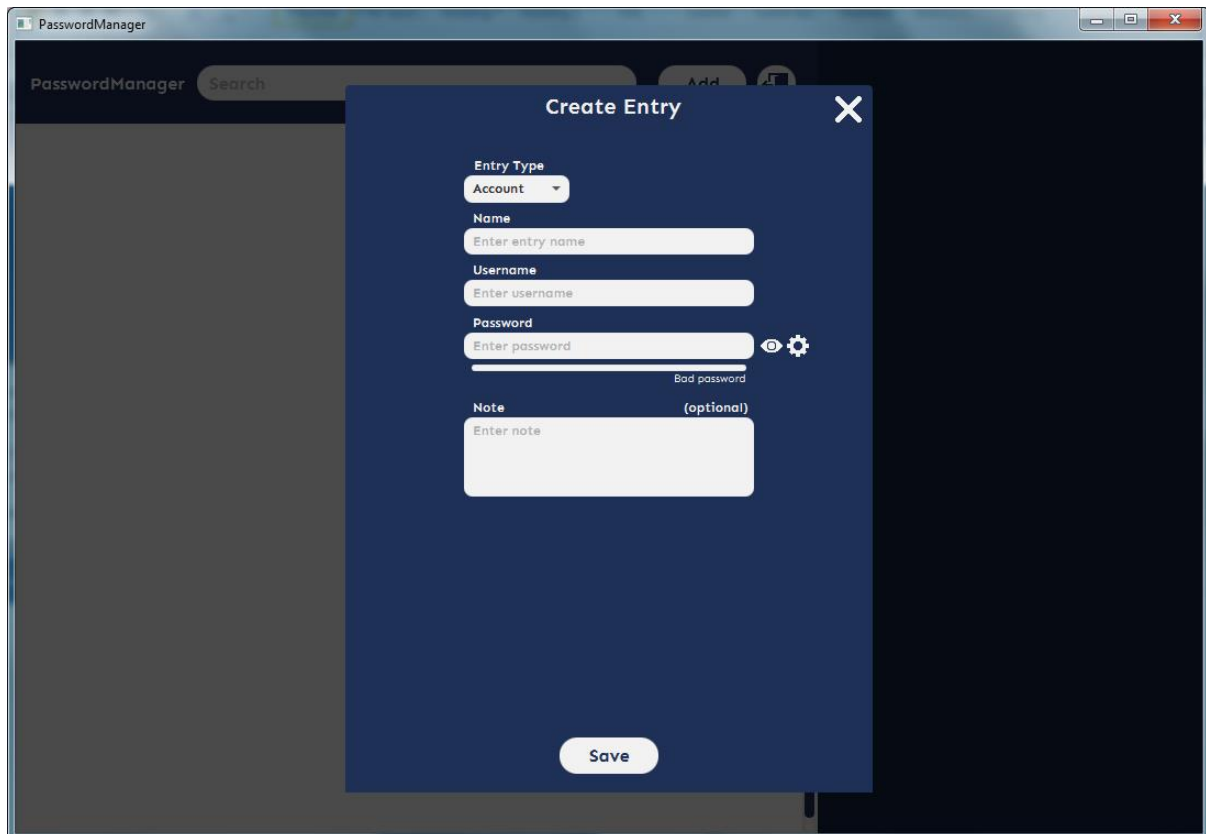
If he chooses to create a new account, he will be prompted for an email and master password, and will be returned to the main login window after creating his account.

Once logged in, the main view is shown:



Pane 1 contains a list of the user's passwords, currently empty but ready to be filled. When the user selects a password, Pane 2 on the right will be populated with that password's details. Pane 3 is the top bar which contains various utilities such as search, and buttons to add passwords and log out.

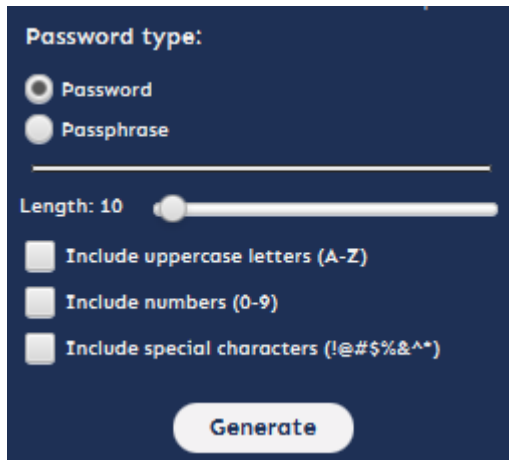
Pressing "Add" will prompt the user for whether he wants to add a category (passwords can be categorised) or a password. Choosing to add a password will bring up the following view:

The image shows a screenshot of a web application titled "PasswordManager". A modal dialog box titled "Create Entry" is open in the center. The dialog has a dark blue background and a close button (X) in the top right corner. It contains several input fields: "Entry Type" with a dropdown menu showing "Account", "Name" with a text input field containing "Enter entry name", "Username" with a text input field containing "Enter username", "Password" with a text input field containing "Enter password" and a toggle icon (eye) to its right, and "Note" with a text area containing "Enter note" and the label "(optional)". Below the "Password" field, there is a small red text label "Bad password". At the bottom of the dialog is a "Save" button. The background of the application shows a search bar and an "Add" button.

"Entry type" specifies the account type, affecting the available fields. Currently available types include standard username-password accounts, credit cards, Wi-Fi passwords and secure notes (a simple text field that is stored encrypted in the database)

For simplicity's sake we'll use the standard "Account" type here. The user fills in the entry's name, for example, "Chalmers Account", and then the Username and Password fields. A bar under the Password field indicates the quality of the password based on length, and the eye icon to the right allows the user to see his password before saving.

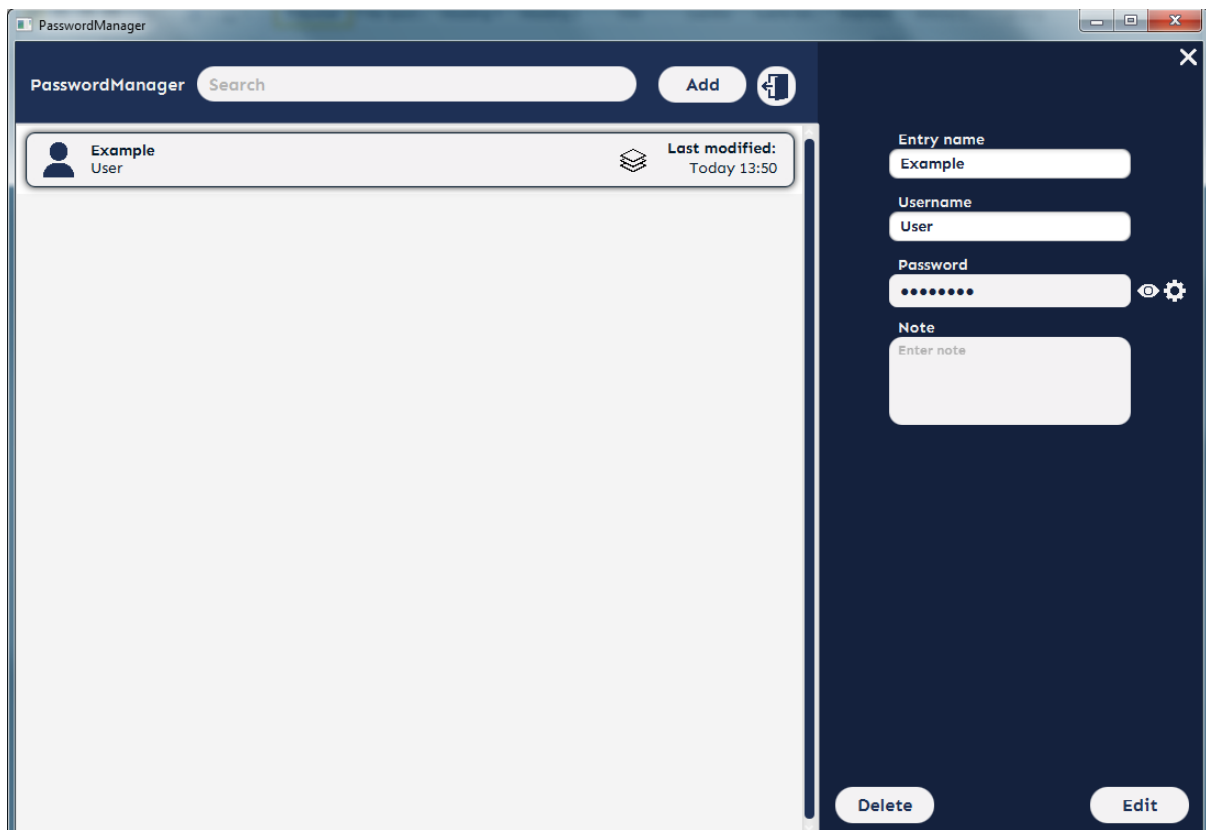
Pressing the cog icon to the left of the eye will bring up the password generator, allowing the user to generate a password if he can't think of one.

A dark blue dialog box titled "Password type:". It contains two radio buttons: "Password" (selected) and "Passphrase". Below them is a horizontal slider for "Length: 10". At the bottom, there are three checkboxes: "Include uppercase letters (A-Z)", "Include numbers (0-9)", and "Include special characters (!@#\$%^&\*)". A "Generate" button is at the very bottom.

There are a few parameters here:

- Password type
  - Password: A standard password consisting of X amount of randomised characters from a certain character set, controlled by the checkboxes at the bottom.
  - Passphrase: Picks a number of random English words from a dictionary and joins them together to form a "phrase".

Once the user has chosen or generated a password he may optionally add a short note to the entry before saving.

A screenshot of the PasswordManager application window. The window has a title bar "PasswordManager" and a search bar. Below the search bar is a list of entries; the first entry is "Example User" with a "Last modified: Today 13:50" timestamp. To the right of the list is a form for editing an entry. The form has fields for "Entry name" (Example), "Username" (User), "Password" (masked with dots), and "Note" (with a placeholder "Enter note"). There is a toggle icon (eye with a cog) next to the password field. At the bottom right of the form are "Delete" and "Edit" buttons.

The newly-created entry will be added to the list, along with a last-modified time. The “stack” icon allows the user to add the password to a category, and the right pane is populated with details allowing the user to view, edit and delete the selected password.

Once the user has finished, he can log out by pressing the button to the right of “Add”, which will take him back to the login screen.