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Password Manager Project Description

I'm looking for a program to manage passwords, and pins for all my accounts. I often find myself using the same password for everting, forgetting passwords, or writing them down. I want something to manage everything, and keep it secure.

For this program, I want it to be locked down when I'm not using it, and quickly open when needed. This means, I want to be able to log in and log off at my own leisure. I would also like the passwords to be secured, and not made plainly visible. I wouldn't want someone to be looking over my shoulder, and see the passwords in plain text. This means they need to be individually secured.

Another feature I would like to see is being able to update account information easily, and quickly, just in case I need to change my password. As well as update my profile for the actual program, in case and changes need to be made.

Identifier	Priority	Requirement
REQ1	2	Storing passwords encrypted in local file
REQ2	1	To create DB file ask for name and password
REQ3	3	This password is then used to encrypt and decrypt file
REQ4	2	To log in only select database and enter the password
REQ5	5	Try to update the DB file at every login also when logged in have a button for manual updating
REQ6	5	(Maybe)Update using JDBC, for every db file created new table in mysql is created on server, name of the table randomly selected (hash key) and saved in local file, table on the server contain rows like (login/password/comment) encrypted using personal key entered by user when created db file. (get passwords – encrypt – upload, or download – decrypt – output) OR Simply sync whole .db file
REQ7	4	When updating first save file then take "last modified" time of file and upload it to the server table timestamp with all of the logins, passwords... OR Write each time in .db file write date when saved in format yyyy:mm:dd:hh:mm:ss
REQ8	3	At logging in get date from file and timestamp from server and compare them, if version on a server is newer – replace existing data, if local version is newer upload and replace table on the server.
REQ9	4	Also update information before closing a program or automatically when changes are made.
REQ10	3	Simply have "copy login", "copy password" buttons (clear clipboard after 30 seconds)
REQ11	5	? have "generate password" button, selecting the length/letters/digits and give random

Identifier	User Story	Size
St_1	As a user, I have a simple, easy and user-friendly interface with little clutter and a modern look.	8 Points
St_2	As a user, my passwords are organized neatly alphabetically.	6 Points
St_3	As a user, I have to only remember 1 main password to login.	3 Points
St_4	As a user, I have a 'hint' for the main password in case I forget.	2 Points
St_5	As a user, I have all passwords encrypted and safe.	9 Points
St_6	As a user, I my application locks after a defined period of time of my choosing	3 Points
St_7	As a user, I can also lock the application at any given time.	3 Points
St_8	As a user, I have the ability to have auto-generated passwords when creating new logins.	6 Points
St_9	As a user, I can synchronize my passwords between multiple computers.	7 Points
St_10	As a user, I'm able to edit my usernames and passwords as needed.	4 Points
St_11	As a user, I can add notes to my logins	2 Points
St_12	As a user, I can copy and paste my usernames and passwords.	3 Points
St_13	As a user, I have a 'help' button that offers help and guidance	5 Points