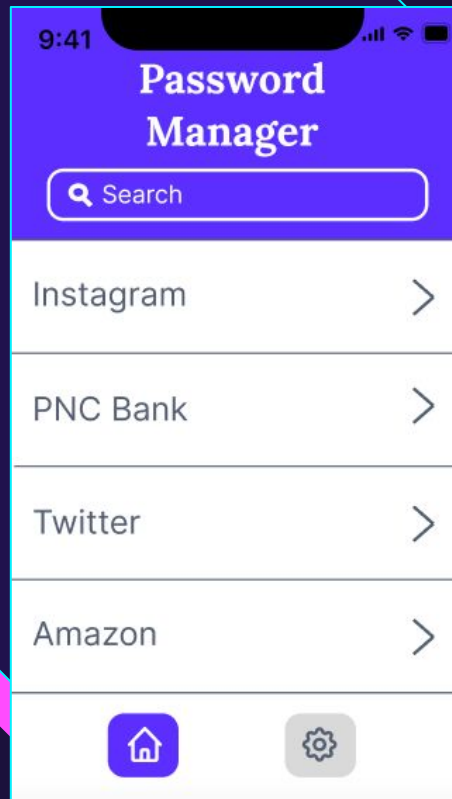


# Group Project 4: Final Prototype

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# Introduction

- This project is about securing and protecting your password data on platforms including social media, shopping, banking, and more.
- The goal is for us to create a working application that secures user's passwords and can also generate consistently changing passwords for users.
- Many people use the same passwords for multiple platforms which makes it easier for hackers to have access to all of the different platforms users use which is why we are creating the Password Manager.



# Tasks and Scenarios



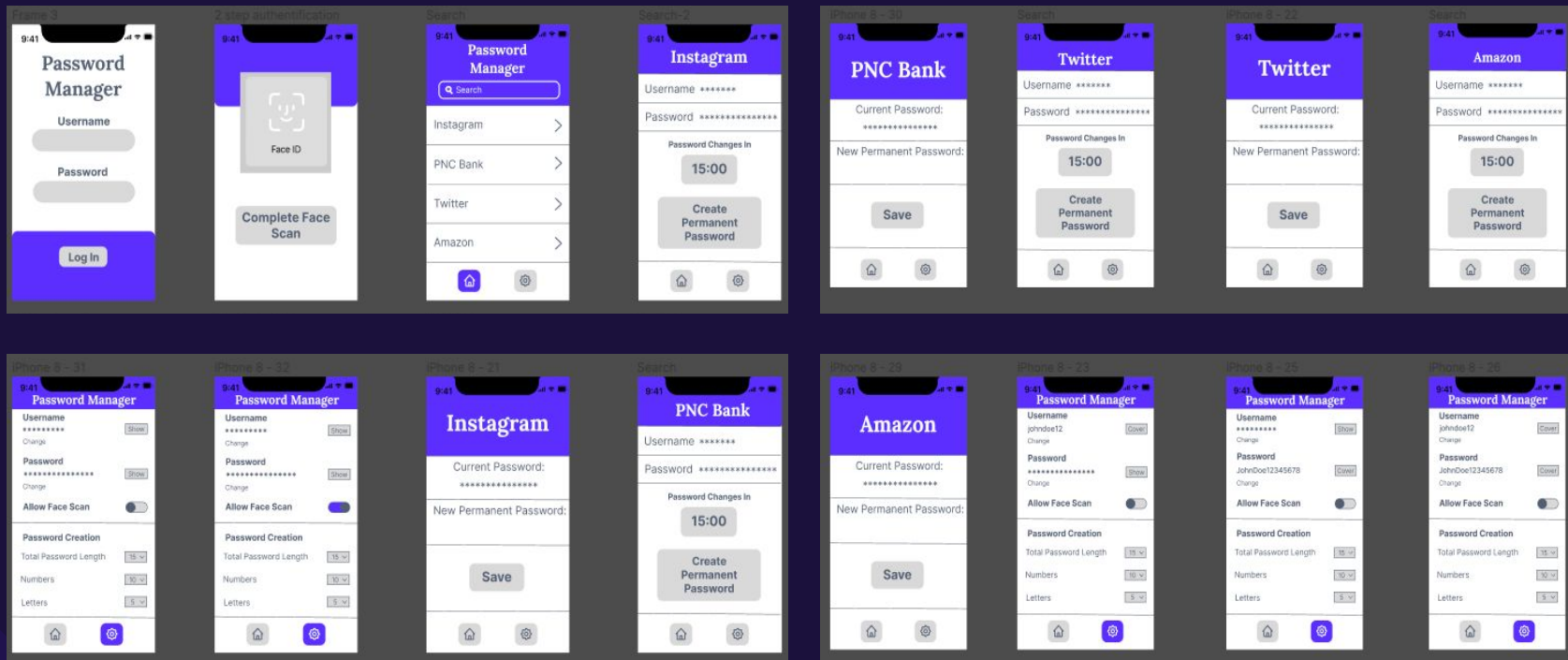
- Tasks Include:
  - Logging in and using face scan feature
  - Turning off face scan feature in settings
  - Showing your username and password in settings
  - Changing username and password in settings
  - Creating a permanent password for any platform the user chooses

**Password  
Manager**

USER PROTOCOL

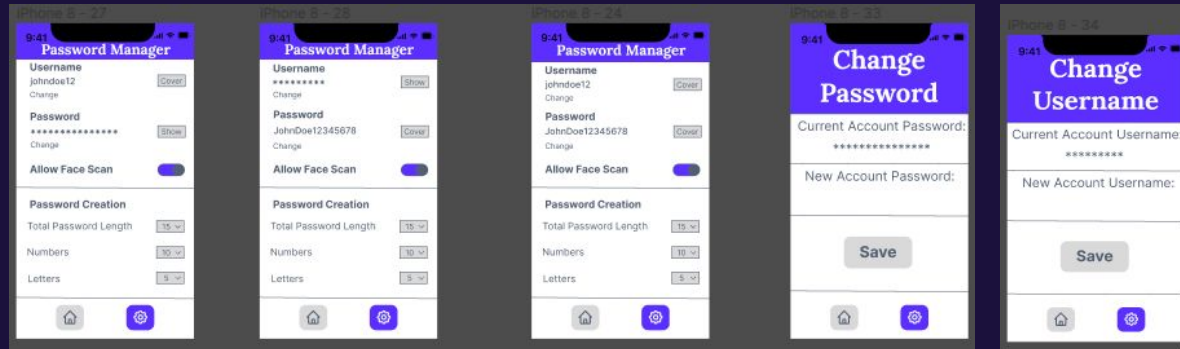


# Prototype Before User Testing



FIGMA BOARD

# Prototype Continued



FIGMA BOARD

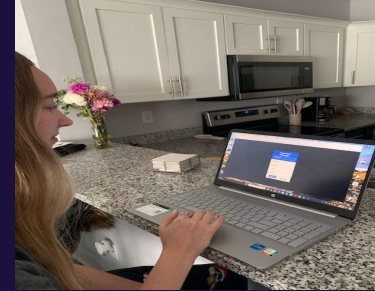
# User Testing



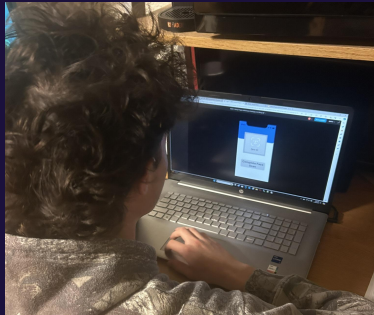
User 1



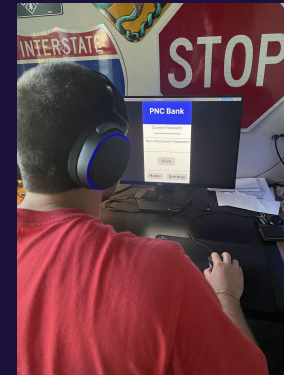
User 2



User 3



User 4

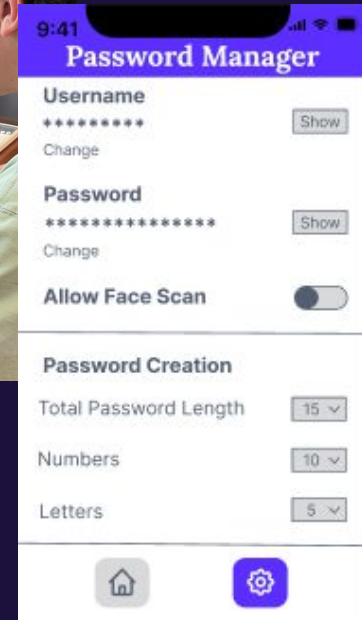
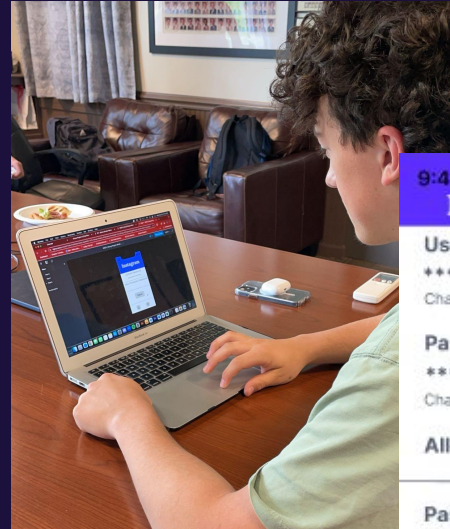


FINAL USER PROTOCOL



# Results of User Test - 1

- Results of User Test 1 Include the Following:
  - The User successfully completed all tasks with ease.
  - A difficulty arises when the user is asked to go to setting to turn off the Password Managers' face scan feature.
    - With no help the user figured out how to complete the task.

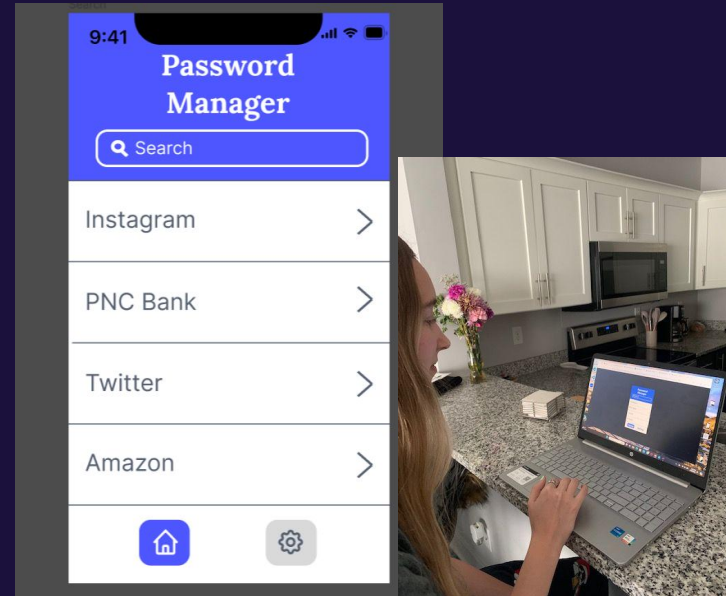


FINAL USER PROTOCOL

# Results of User Test - 2



- Results of User Test 2 include:
  - User had success completing tasks and using the application
  - Found difficulty navigating to the next page after the home screen was presented
    - User figured out how to go to the next screen after clicking the arrow with no help



FINAL USER PROTOCOL

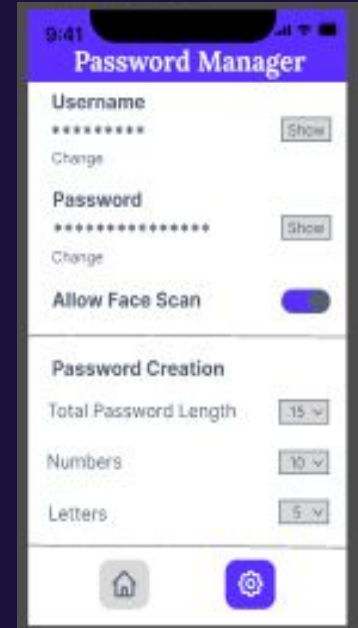
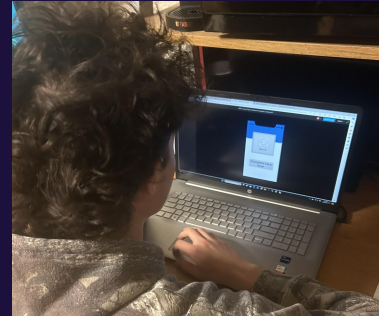




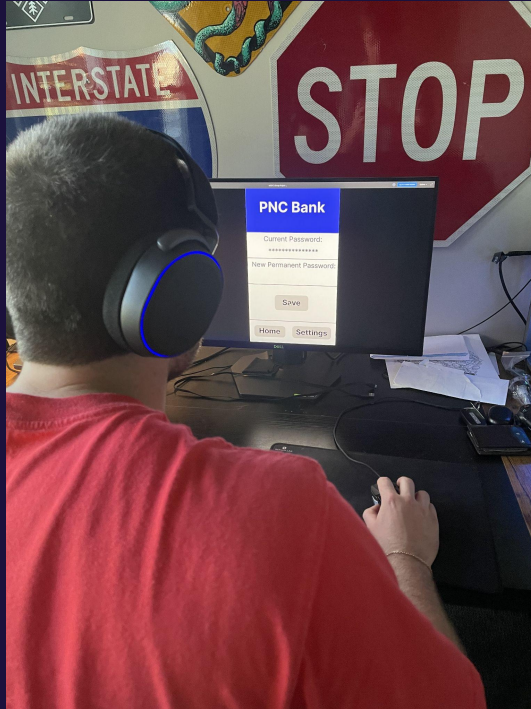
# Results of User Test - 3



- Results of User Test 3 include the following:
  - The user successfully completed all stated tasks
  - User found difficulty when trying to use the dropdown menus in the settings screen
    - User had no success in using the dropdown menus, stating “they don’t work when I click on them”



# Results of User Test - 4



**PNC Bank**

Username \*\*\*\*\*

Password \*\*\*\*\*

Password Changes In

**15:00**

Create Permanent Password

Home Settings

- Results of User Test 3 include the following:
  - User was able to complete the tasks given to him.
  - User enjoyed the simplicity of the app, stated that the app did what was advertised and nothing more
  - User wondered whether setting a permanent password would alter the look of the app page.

FINAL USER PROTOCOL



# Prototype After User Testing



After user test 3 we realized that the dropdown menus on our settings screen were not usable. Due to this we added in working dropdown menus, so that users can customize their password lengths from the app.

The image shows a mobile app prototype for a Password Manager. The screen has a blue header with the title "Password Manager" and a status bar at the top showing the time "9:41" and signal icons. The settings are organized into sections: "Username" with a masked input field and a "Show" button; "Password" with a masked input field and a "Show" button; and "Allow Face Scan" with a toggle switch. Below these is a "Password Creation" section containing two dropdown menus: "Total Password Length" (set to 20) and "Numbers" (set to 20). The "Letters" dropdown menu is partially visible, showing options 20, 15, 10, and 5. At the bottom, there is a navigation bar with a home icon and a settings icon.

9:41 Password Manager

**Username**  
\*\*\*\*\* Show  
Change

**Password**  
\*\*\*\*\* Show  
Change

**Allow Face Scan** ☒

**Password Creation**

Total Password Length 20 ▾

Numbers Select ▾  
20  
15  
10  
5

Letters



# Citations



FINAL USER PROTOCOL

FIGMA BOARD



**THANK YOU!**