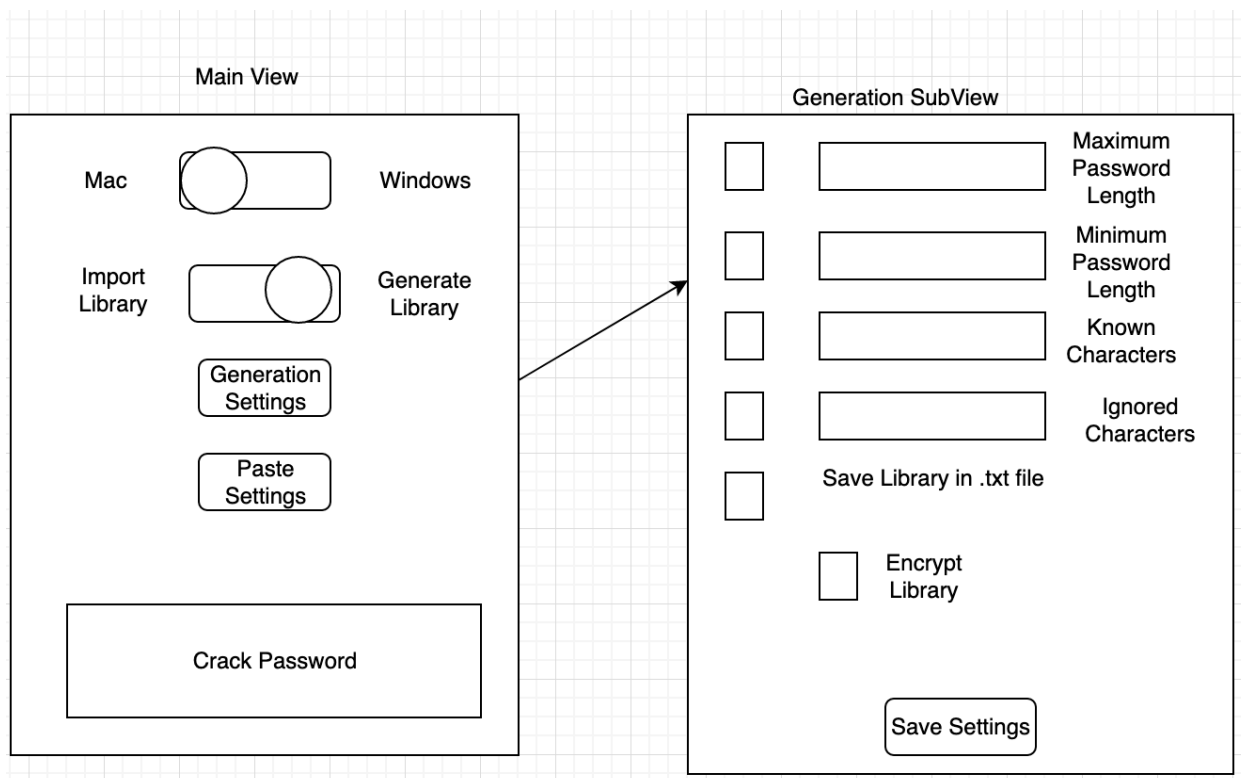


## Password Toolbox (Previously “Equivalence Password Cracker”)

Main View - Main purpose is to make an aesthetically pleasing and functional main menu

- Choose Mac or Windows \* Might change to use system settings so button isn't needed
- Import Library or Generate Library
  - If Generate Library is chosen, a “Generate Options” button menu will become available
    - When clicked, this generate options button will show a submenu with the following with a check box next to each setting to enable or disable the option
      - Minimum Password Length
      - Maximum Password Length
      - Known characters
      - Ignored Characters
      - Password Format (i.e. “XXXX-XXX-XXXX”)
      - Save Library in Text File
        - Encrypt Library
- Password Paste Settings
  - Submenu will open when button is pressed
    - No contents as of yet. Will be a part of Deliverable 3
- Crack Password - No current functionality



### MVC Flow

\*Note, all of the options in the Generation SubView all share the same path being...

1. User clicks on “check box” on the left most side of option
2. User enters specifications into box
3. User clicks save settings
4. Option is sent to controller (getGenerationOptions) and then put into Model (generatePasswords)

### Option Types

- Maximum Password Length will only accept integers
- Minimum Password Length will only accept integers
- Known characters will only accept characters in this format “mustang”,”GT”,”550” (ArrayList of Strings)
- Ignored characters will only accept characters in this format “&”,”%” (ArrayList of chars)

### Other Notes

- If user enters an improper type, an error will be printed above the “Save Settings” Button to indicate which field has an error (i.e. “Please Re-Enter Minimum Password Length!”)