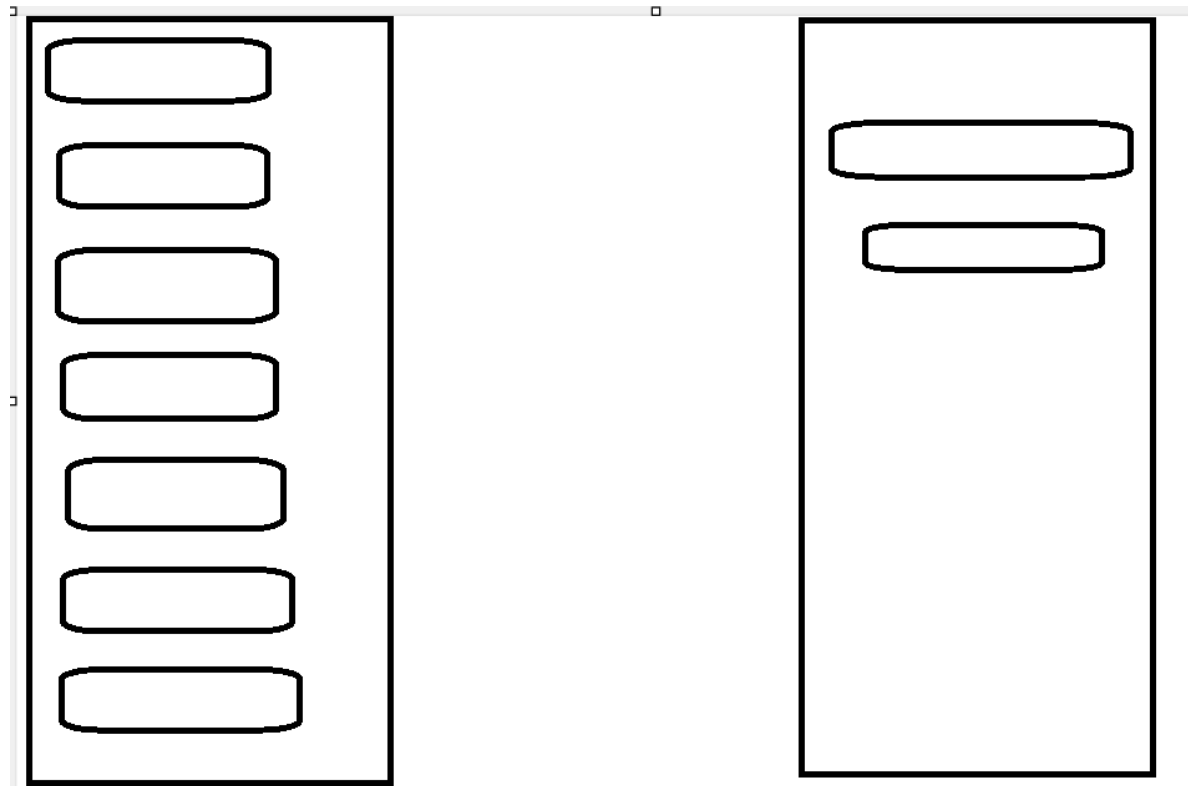


SessionManagement is the first class that uses the singleton pattern to make sure only one instance of the user interaction is there. Then MyPass is the main class that matches all the features into this class. Features such as `auto_lock`, `is_weak_password` are available which are described as functions. Observable and EmailNotifier uses the observer pattern to notify the users of the weak and strong password. PasswordBuilder uses the builder pattern and uses different features to find a strong password for the user to use. MaskingOrUnmasking uses the proxy pattern and lets the user unmask the data. Mediator lets the UI interact with each other without any issues. PasswordRecovery uses the chain of responsibility pattern for more security by asking three security questions.



The User Interface shows the first tab where the 7 options match the options I have in the code.  
The second tab is for user after they input register.