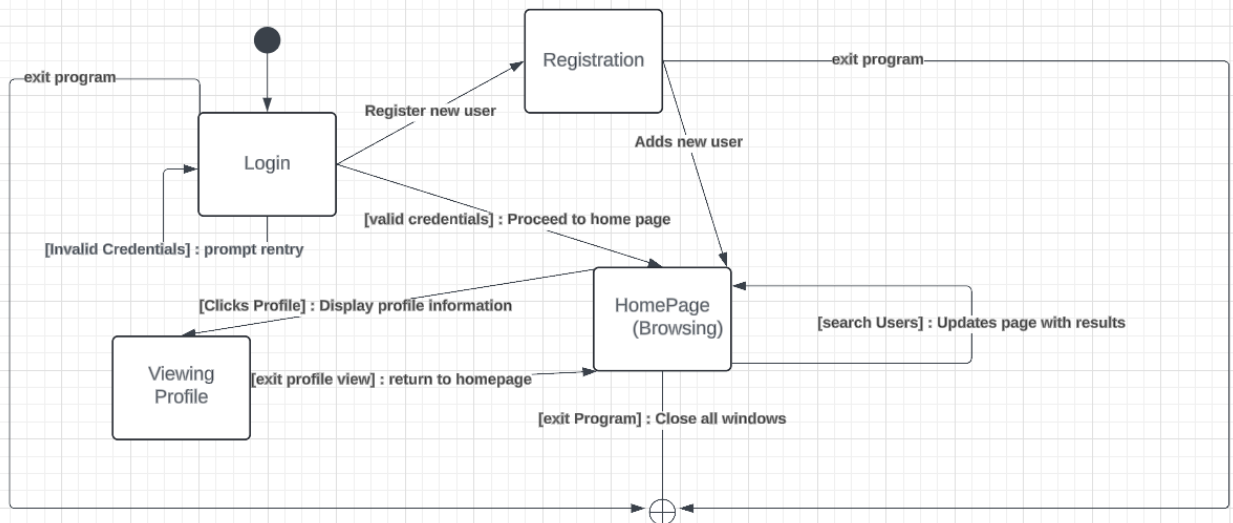


## State Diagram



The diagram shows from the start of program leading to login page where users can enter valid or invalid credentials or go to the register state to create a new instance of profile/user to be added to database. Success leads to browsing state where users can view valid users under their specific search or filter inputs. The browsing state is where most of the program will function with all our features and representation of our users. Users can also view profiles by taking them to a separate window displaying user information and allow interaction between users. From the browsing user can exit program or logout leading to termination of the program or returning to login.