Courtney Pettiford - CS 2340: M4

User Story: As a user, I want to login so that I can view and report water availability data.

Tasks:
- Create User class in Model that handles setting and retrieval of username/password
- Modify Welcome Screen Activity in Controller so that upon selection of the login button, the user is directed to the login screen
- Design login screen layout with buttons and username/password text fields for submitting/canceling login attempt
- Create Login Activity in Controller that checks the user's username/password combination and directs user to main screen of application if valid login attempt
- Create display message telling the user that their username/password combination is invalid

Acceptance Scenarios:
- GIVEN a registered user is viewing the login screen, WHEN the user enters both a valid username and password and selects the login button, THEN the user is directed to the main screen of the application.
- GIVEN a registered user is viewing the login screen, WHEN the user enters an invalid username and/or password and selects the login button, THEN the system displays an error message and the user still remains at the login screen.
- GIVEN a registered user is viewing the login screen, WHEN the user enters text into the username or password field and chooses to cancel their login attempt, THEN no information should be recorded and the application should not start up.

Done Done Criteria:
- Acceptance criteria is met.
- Junit tests are written and executed.
- Code is reviewed by another team member.
- Customers are satisfied with the finished product.
- All code is pushed to master.