Noah Rickles

**Title:** As a registered user, I want to be able to log in with my credentials, so that I can have access to the application.

**Tasks:**

* create login activity, where registered users enter their usernames and passwords
* create buttons for login, register, help, and cancel actions
* create attributes for length and content of valid usernames and passwords to be entered in the login screen
* implement system to check entered username and password against backend database
* create error messages for invalid usernames and passwords
* allow access into the main application after successful login

**Acceptance Scenarios:**

* GIVEN a registered user is viewing the login screen, WHEN the registered user presses the back or cancel button, THEN the application returns to the welcome screen.
* GIVEN a registered user is viewing the login screen, WHEN the registered user presses the help button, THEN display the attributes of a valid username and password
* GIVEN a registered user is viewing the login screen, WHEN the registered user enters an invalid username and/or invalid password, THEN display an error explaining what is incorrect and prompt to try again.
* GIVEN a registered user is viewing the login screen, WHEN the registered user enters a valid username and valid password and presses the login button, THEN the username-password pair is checked against the backend database and the user is given or denied access.

**Done Done Criteria:**

* a registered user can login and access the application if their credentials are valid and matched with the database
* test cases are written based on the acceptance scenarios and run until they have all been successfully passed
* code is reviewed by another member in the group

James Matthew Lord

**Title:** As a manager, I want to delete a report, so that bad reports are no longer part of the database of water sources.

**Tasks:**

* Implement a function in the Manager class for deleting posts
* Add logic to confirm deletion so posts are not accidentally removed
* Add button to manager view
* Implement controller/activity changes

**Acceptance Scenarios:**

* GIVEN a manager is viewing the reports page, WHEN he/she selects a report, THEN the option to delete the report appears.
* GIVEN a manager chooses to delete a report, WHEN he/she clicks the delete button, THEN a confirmation message appears to prevent unexpected removal.
* GIVEN a manager is viewing the confirmation, WHEN he/she clicks the ‘confirm deletion’ option, THEN the report is removed and the manager is returned to the reports screen.
* GIVEN a manager is viewing the confirmation, WHEN he/she clicks the ‘cancel deletion’ option, THEN the report is not removed and the manager is returned to the reports screen.

**Done Done Criteria:**

* Delete method is implemented such that the proper action is taken when the manager selects a post.

Nikhil Ramesh

**Title:** As an admin, I want to ban or delete an account, so that I can prevent malicious users from submitting reports or using the application whatsoever.

**Tasks:**

* Add functionality to visit a user’s profile as an administrator.
* Implement buttons on user profile to ban/delete the account.
* Create confirmation dialog upon ban/delete button press to ensure that no accidental deletions occur.
* Update database of users/passwords to reflect banning or deletion of the account
* Keep record in database of banned users so they cannot create water reports and deleted users so that they may not recreate their account.

**Acceptance Scenarios:**

* GIVEN an administrator is viewing a user profile, WHEN they click on the ban button, THEN they are prompted to confirm the ban of the user.
* GIVEN an administrator is viewing the ban confirmation prompt, WHEN they click yes, THEN the user is added to a database for users who cannot create reports for the app.
* GIVEN an administrator is viewing the ban confirmation prompt, WHEN they click no, THEN the administrator is redirected to viewing the user’s profile again.
* GIVEN an administrator is viewing a user profile, WHEN they click on the delete button, THEN they are prompted to confirm the delete of the user.
* GIVEN an administrator is viewing the deletion confirmation prompt, WHEN they click yes, THEN the user is added to a database for users who cannot recreate accounts for the app.
* GIVEN an administrator is viewing the deletion confirmation prompt, WHEN they click no, THEN the administrator is redirected to viewing the user’s profile again.

**Done Done Criteria:**

* All specified buttons, activities, pop-ups and prompts have been implemented into the user interface.
* All possible actions have been implemented that are related to the acceptance scenarios.
* Code is tested and reviewed by other members of the group

Renner Brown

**Title:** As a new user, I want to create an account, so that I become a registered user.

**Tasks:**

* create register activity, where unregistered users enter their desired usernames and passwords
* create buttons for cancel, create account, and help
* create attributes for length and content of valid usernames and valid passwords to be entered in the register screen
* implement system to check if the entered username is available in the backend database
* create error messages for invalid usernames and passwords
* allow access into the login screen after successful register

**Acceptance Scenarios:**

* GIVEN an unregistered user is viewing the register screen, WHEN the registered user presses the back or cancel button, THEN the application returns to the login screen.
* GIVEN an unregistered user is viewing the register screen, WHEN the unregistered user presses the help button, THEN display the attributes of a valid username and password
* GIVEN an unregistered user is viewing the register screen, WHEN the unregistered user enters an unavailable username and/or invalid password, THEN display an error explaining what does not meet the username/password criteria and prompt to try again.
* GIVEN an unregistered user is viewing the register screen, WHEN the unregistered user enters a valid username and valid password and presses the register button, THEN the username-password pair is stored in the backend database and the user is redirected to the login screen.

**Done Done Criteria:**

* an unregistered user can register and add his registration info to the database of user info
* test cases are written on the basis of acceptable passwords and available usernames and tested until they pass
* code is reviewed by another member in the group