

User Story: As a user, I want to submit a water source report so that I can help create a comprehensive map of available water sources.

Tasks:

- Design layout for water source reporting page
- Code UI to display labels and take in data for the 5 inputs
 - Date and time of report
 - Name of reporter
 - Location of water
 - Type of water
 - Condition of water
- Code the report number to be autogenerated
 - Number should be 1 greater than the highest report number in the database
- Code “Submit” and “Cancel” buttons
- Code model classes to store information provided by the user

Acceptance Scenarios:

GIVEN: A user is viewing the water reporting page

WHEN: The user enters valid data in the 5 input fields and presses the “Submit” button

THEN: The report is created and stored in the database

GIVEN: A user is viewing the water reporting page

WHEN: The user enters an invalid input for one or more of the 5 input fields and presses the “Submit” button

THEN: The system displays a warning and indicates which input field(s) are invalid, and the report is not stored in the database

GIVEN: A user is viewing the water reporting page

WHEN: The user enters any amount (none, some or all) of data into the data fields and presses “Cancel”

THEN: The screen returns to the last page and no information is stored in the database.

Done Done:

- Acceptance criteria met
- Code is reviewed by another team member
- Feature is tested inside app and works well
- The database is checked after the feature is tested to ensure data is being added