

Team Gibberfish Retrospective and Additional Requirements

Retrospective

In the first iteration, we set out create and populate our database, create our website and integrate Google Maps API. While we were pleased with what we were able to accomplish (creating and populating the database and creating a Google Site), we hit a few roadblocks. We were unable to fully integrate the Google Maps API in the first sprint cycle; there are bodies of water marked on the map, however, the user cannot interact with them--when the user clicks on a marker, nothing happens. Additionally, although we created a Google Site and it is functional, we have decided to scrap the whole thing and start from scratch using Heroku. This means that over the course of the next two weeks, we must complete the integration of Google Maps API and our SQL database, then implement a working search function, which will require strict deadlines and efficient communication between group members.

While we were very satisfied with our ability to work together and problem solve throughout our first sprint cycle, there were still some deficits in communication, which resulted in an imbalance of workload--specifically in reference to the Google Map API integration, which was assigned to one person. Although the tasks seemed to be shared equally across the group, some required far more work than others, leaving some with nothing and others with far too much to do. It was not until our last meeting, in which we reflected on the past few weeks, that group members expressed concerns and discontent their workload. At our weekly meetings, we share what we are working on and what we have completed and then strategize and plan for the week to come; but in this process, we somewhat disregarded the mental and emotional toll of working alone on crucial elements of our project. In this next sprint cycle, we must work to communicate how we feel about our workloads and if we think we will be able to accomplish our work on our own; those with little to do will take on additional tasks in order to alleviate stress and increase productivity.

Additional Requirements

The only new requirements (requirements generated as a result of the first iteration) for the next sprint cycle are to create a host using Heroku and integration of our SQL Database with the website. Requirements from previous Milestones have been moved to the icebox, for visualization purposes. (See snapshot below of our Zenhub board).

The screenshot displays a Jira project board with the following columns and issues:

- New Issues (2):**
 - TeamGibberfish_CSCI3308_... #12: SQL Database Integration (Milestone 4, Functional Requirement)
 - TeamGibberfish_CSCI3308_... #13: Heroku Hosting (Milestone 4, Functional Requirement, User Requirement)
- Icebox (5):**
 - TeamGibberfish_CSCI3308_... #9: Background Customizability (Milestone 2, Non-Functional Requirement)
 - TeamGibberfish_CSCI3308_... #3: Fish Search Requirements (Milestone 2, Functional Requirement, User Requirement)
 - TeamGibberfish_CSCI3308_... #11: Multiple Browser Compatibility (Milestone 2, Non-Functional Requirement, User Requirement)
 - TeamGibberfish_CSCI3308_... #6: Search functionality (Milestone 2, Epic, Functional Requirement)
 - TeamGibberfish_CSCI3308_... #8: Location Search Requirements (Milestone 2, Functional Requirement, User Requirement)
- Backlog (0):**
- Review/QA (0):**
- In Progress (1):**
 - TeamGibberfish_CSCI3308_... #5: Google maps integration (Milestone 2, Non-Functional Requirement)
- Done (2):**
 - TeamGibberfish_CSCI3308_... #4: Start database (Milestone 2, Functional Requirement)
 - TeamGibberfish_CSCI3308_F... #7: Make the Website (Milestone 2, Non-Functional Requirement)
- Closed (0):**

At the top, there are filters for Repos (1/1), Show one, Labels, Milestones, Assignees, Epics, and a search bar. A 'New Issue' button is located in the top right corner.

Next Plan Cycle and Assigned Responsibility

Continue building website - Adrian, Nelson

SQL database integration - Maria, Nelson

Google Maps API integration - Nelson

Heroku hosting - Matt

Search functionality - Eric, Josh