

Visualizr – Sprint 2 Plan

Umit Ceylan (PO)
Jamison Ball (Scrum Master)
Tyler Smith
Joe Rozo (Scrum Master)
Joey Lai
Kim Son Nguyen

Goal: The goal of this spring is to convert the data in the tables to CSV/JSON formats and visualize it in two different ways. Also, we want to keep working on creating profile pages for users. In addition, we want to achieve implementing basic filtering functions to be able to change variables and observe the change in the visualization accordingly.

Task Listing:

- As a developer, I want to see the list of uploaded datasets. (3 hours)
 - Task 1: Creating Web2Py controller function. (2 hours)
 - Task 2: Creating a function to list the items in the database. (1 hour)
- As a developer, I want to have control about how the data is visualized. (10 hours)
 - Task 1: Creating controller functions for filtering. (5 hours)
 - Task 2: Embedding the filter buttons into visualization UI. (5 hours)
- As a developer, I want to be able to choose between two visualizations. (10 hours)
 - Task 1: Implement the Line Chart visualization with 3 columns. (5 hours)
 - Task 2: Improve the Bar Chart visualization to 3 columns. (5 hours)
- As a developer, I want to create tables based on the uploaded data. (7 hours)
 - Task 1: Uploading the data (.CSV, .TSV, .JSON) to database. (2 hours)
 - Task 2: Converting the data to CSV/JSON. (2 hours)
 - Task 3: Making the data statically available to be imported by JavaScript. (3 hours)

Team Roles:

Umit Ceylan - Front end and UI.
Jamison Ball - Front end and UI.
Tyler Smith - Back end.
Joe Rozo - Back end.
Joey Lai - Back end.
Kim Son Nguyen - Back end.

Initial Task Assignments:

Umit Ceylan – The updated Bar Chart Visualization/ Basic HTML of the Viz.
Jamison Ball - Line Chart Visualization/ Basic HTML of the Viz.
Tyler Smith - Converting CSV to Tables.
Joe Rozo – Converting data to CSV/JSON
Joey Lai - Writing the necessary functions for creating profile pages.
Kim Son Nguyen - Converting CSV to Tables.

SCRUM Meetings:

Mon: 3:00- 4:15pm
Wed: 3:00-4:15pm
Fri: 3:00- 4:15pm

Umit Ceylan (PO)
Jamison Ball
Tyler Smith (Scrum Master)
Joe Rozo
Joey Lai
Kim Son Nguyen

Actions to stop doing- We have stopped thinking to refer directly to the table while we are writing our JavaScript code.

Actions to start doing- We have decided to convert the tables in the database to JSON and use them in the JavaScript code.

Actions to keep doing- Keep communicating in person and thru slack to expand our ideas about the project.

Work Completed

- As I user, I have set up the Web2py and the necessary accounts.
- As a developer, I want upload and store data in the database with no problem.
- As a developer, I want to visualize the data at least at one way.

Work Not Completed

- As a developer, I want to quickly update the database.

Completion Rate

- User stories completed -3
- Estimated work hours -30
- Days in Sprint 1 -16
- Hours/Day -1.8
- Stories/Day -0.25