

Week 10 Project Status

Date

Nov 27, 2023

Participants

My Nguyen, Fengyun Chen, Xinyue Chen, Junyi Ma, Yutong Feng

Our **Github repository**: <https://github.com/mytnguyen26/algo-shadow>

Our current documentations <https://github.com/mytnguyen26/algo-shadow/blob/dev/documents/>

Please check your task on Jira board: <https://met-cs673-f23-team6.atlassian.net/jira/software/projects/ALGOSHADOW/boards/1>

Agenda

- Provide status update from last week:
 - What did you do last week?
 - What will you do this week?
 - Do you have any blockers?
- Go over Refactoring work in progress
- Demo of work completed and PRs

Status Update

- My Nguyen:
 - Consolidated and refactored common utility and logics for heap, bst, and dijkstra visualizations
 - Added Docstrings for methods in GraphRenderer
 - Created a PR for the team to review <https://github.com/mytnguyen26/algo-shadow/pull/19>
 - Created new issues and user stories in Jira to be reviewed with the team
- Fengyun Chen:
 - Implemented Experiment Page to display retrieved data from the local storage to easily view and interact with in tabular format
 - Marked User **story #60** [https://met-cs673-f23-team6.atlassian.net/browse/ALGOSHADOW-60?](https://met-cs673-f23-team6.atlassian.net/browse/ALGOSHADOW-60?atlOrigin=eyJpIjoiY2FiMzIzNWViMGRINDkzZWFiYzFiZGFmMzkwYjlyM2EiLCJwIjoiaSJ9) and **user story #54** [https://met-cs673-f23-team6.atlassian.net/browse/ALGOSHADOW-54?](https://met-cs673-f23-team6.atlassian.net/browse/ALGOSHADOW-54?atlOrigin=eyJpIjoiMDIwMzk3ZTQ2MDU3NDA3ODg1N2Q1NjQ2MWUwYjE5YTgiLCJwIjoiaSJ9) completed
- Xinyue Chen:
 - Implemented unit tests for Dijkstra and refactored part of Dijkstra
 - Started on implementing Code coverage
- Yutong Feng:
 - Gave a demo for a new feature where user can create their own graph using either a DiGraph or Adjacency Matrix
 - Refactored `bst.jsx` to use common utility functions
- Junyi Ma:
 - Is still working on Bellman-Ford and implementing unit tests for Bellman-Ford

Action Items

- Everyone will continue to refactor the front-end application to follow module design as outlined in Software Design Document
- My Nguyen update all documents with current design and features

- Everyone makes sure to add docstrings and comments if they add new methods and modules. Also, all comments and docstrings should be in English
- Yutong and My would merge their refactored codes before merging to `dev`
- Xinyue will need to make sure Dijkstra implements additional button functionality and features that were added by Fengyun and Yutong in BST and Heap
- Meeting this @Saturday 2pm at Mugar for our working session
- Everyone please review <https://github.com/mytnguyen26/algo-shadow/pull/17> and approve so we can merge

Decision Items

We currently no longer need an Experiment Service backend and Database. Past user experiment data will be stored in client's local storage for retrieval and display on Algorithm Page. Authentication Service remains separate and have its own backend + database