CSDS 393: Bi-Weekly Progress Report 2

Current Scrum Master: Benson Jin (bxj155@case.edu)

Other group members:

- Joseph Chen (jxc1598@case.edu)
- Daniel Lee (dkl40@case.edu)
- Di Zhou (dxz266@case.edu)
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- Jalen Xu (jalen.xu@case.edu)

Project Board

We manage the user stories and individual tasks through Jira and the Jira backlog.
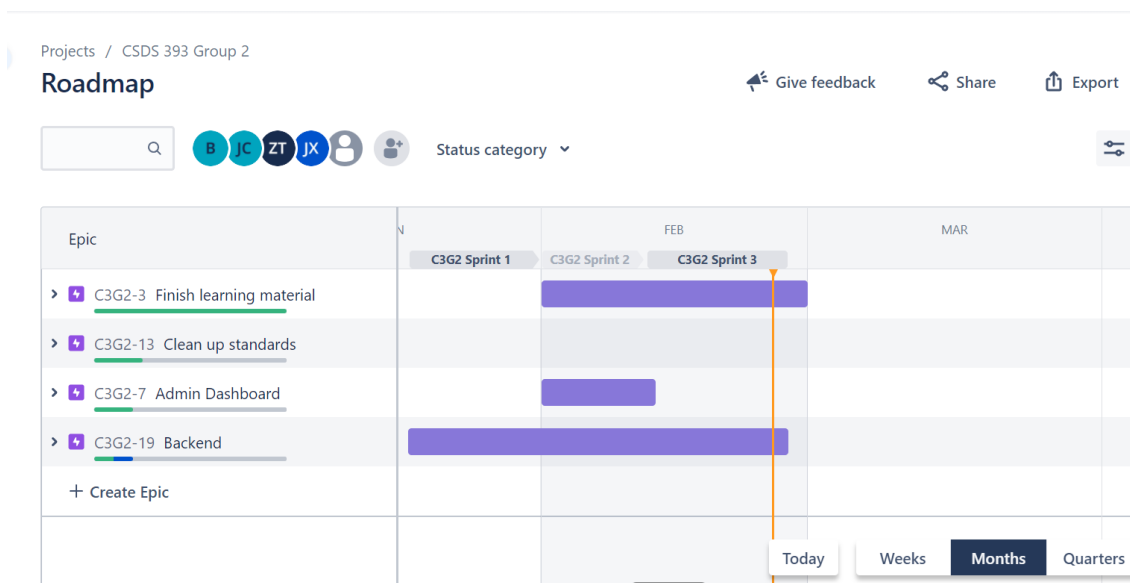
Projects / CSDS 393 Group 2

Backlog

C3G2 Sprint 3 12 Feb – 26 Feb (8 issues)	0 0 0 Start sprint	···
C3G2-1 User signs in	IN PROGRESS ⌄	B
C3G2-2 When user registers with OAuth, we should show a page with the extracted login info	IN PROGRESS ⌄	B
C3G2-23 Delete user from queue directly BACKEND	IN PROGRESS ⌄	ZT
C3G2-33 Admin dashboard page 2: users in queue page wireframe	TO DO ⌄	DL
C3G2-35 Validators	TO DO ⌄	JC
C3G2-36 Error catching middleware + standardize that	TO DO ⌄	JC
C3G2-37 Logging	TO DO ⌄	JC
C3G2-38 Standardize Spec	TO DO ⌄	

We also organize our stories and tasks in epics on the roadmap:

Roadmap

Give feedback   Share   Export

Status category ∨

Epic		C3G2 Sprint 1	C3G2 Sprint 2	FEB C3G2 Sprint 3	MAR
› ⚡ C3G2-3 Finish learning material					
› ⚡ C3G2-13 Clean up standards					
› ⚡ C3G2-7 Admin Dashboard					
› ⚡ C3G2-19 Backend					
+ Create Epic					

Today   Weeks   **Months**   Quarters

Assigned Stories

Status as of 2/25/22

- **Jody:** Add user signup page to join queue

- **Status:** Finished user signup page as. of 2/15/22 Currently working on user waiting line page after a user has joined a queue. Need to wait for backend to finish up authentication.

- **Daniel:** Create a queue admin dashboard so admin can see list of users in queue.

  - **Status:** Still working on it.

- **Joseph:** Convert repository to TypeScript and use Lerna for better managment. Also help Benson with authentication setup using Passport.

  - **Status:** Finished Lerna Repo; Currently working on error middleware along with validators.

- **Benson:** With Joseph, setup OAuth 2.0 using passport for authentication.

  - **Status:** Working on adding user to database after authentication. Need to setup authentication with Facebook and Twitter as well.

- **Jalen:** An admin should be able to pop a user from a queue. (Backend only)

  - **Status:** Finished endpoint that allows admin to pop user from a queue. Currently working on creating interfaces for the queue file.

- **David:** An admin should be able to delete user from queue. (Backend only)

  - **Status:** Still testing and debugging the delete user from queue endpoint.

Standup Meetings

Feb 12th/19th Meeting Notes

Student	What has been done	What remains
Joseph	- Set up OAuth 2.0 using passport for authentication. - Switched from DaisyUI to ChakraUI	Convert repository to TypeScript and use Lerna
Benson	- Set up OAuth 2.0 for authentication using Passport - Endpoints for Google OAuth 2.0 work	Need to connect authentication to database
Jody	Learned how to create a simple create queue button	Create a simple user signup page to join a queue
Daniel	Learned how to create a simple create queue button	Create an admin dashboard
David	Learning Javascript and Express	Create an endpoint to delete a user from a queue
Jalen	- Learning Javascript - Getting more comfortable with async/await and creating express endpoints	Create an endpoint to pop a user from a queue.

Problems Faced:

- Lots of material must be learned outside of class (i.e. Javascript + Express + REST for backend and HTML/CSS/JS/React for frontend).

- Currently, it is hard to debug code because JavaScript is not typed, so we are switching to TypeScript and using Lerna for managment.

Risks:

- Currently, the risk is that students don't learn quick enough to adequately complete the user stories in time. To mitigate the risk, Joseph pair programs with both the frontend and backend developers to get them up-to-speed.

February 19th Meeting

(With both backend + frontend developers)

TLDR; Similar to last time

Student	What has been done	What remains
Joseph	Did pair programming session with both frontend +	Setting up error middleware and validators

	- backend - Helped Benson with setting up authentication - Switched to ChakraUI for frontend - Converted repository to TypeScript and to use Lerna	
Benson	- Setup OAuth 2.0 using passport - Pair programmed with David to debug endpoint issues	- Connect database to authentication - Finish setting up passport with Twitter and Facebook
Jody	Created a user signup page for joining a queue	Working on a user waiting line page
Daniel	Working on queue admin dashboard	Continue working on queue admin dashboard
David	Worked on delete user from queue endpoint	- Still need to get comfortable with promises, async/await, and Express - Test and debug the endpoint to make sure it works properly.
Jalen	Finished the pop user from queue endpoint	Add interfaces to queue for readability

Problems Faced:

- Lots of material must be learned outside of class (i.e. Javascript + Express + REST for backend and HTML/CSS/JS/React for frontend).
- We needed share types hence why we made a mono repo using Lerna as well making sure request and responses are consistent.
- We wanted a consistent way to log operational errors through an error middleware.
- Get used to TypeScript

Risks:

- Currently, the risk is that students don't learn quick enough to adequately complete the user stories in time. To mitigate the risk, Joseph pair programs with both the frontend and backend developers to get them up-to-speed. Currently, the frontend developers are making significant progress and should be ready to properly tackle their assigned user stories. The backend developers need more mentoring and practice.
- Converting JavaScript to TypeScript might be difficult for those who aren't familiar.