

Progress Report

- Increment 2 -

Group #13

1) Team Members

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2) Project Title and Description

Our project, Tempura, is a web application we are developing that allows for users to log and rate the anime that they are currently watching and those they have finished. Tempura provides functionality to users allowing them to communicate with friends and display their rankings of shows encouraging community. Other features include a recommendation system we will be creating which utilizes machine learning.

3) Accomplishments and overall project status during this increment

In increment 2 we began development of our frontend. We designed and implemented most of the pages from our wireframing. We also finally connected our database which was a huge breakthrough for us. Our project is going according to our desired timeline and we have completed our desired objectives by increment 2.

4) Challenges, changes in the plan and scope of the project and things that went wrong during this increment

The biggest challenge for most group members this increment was front end development. The majority of the group has little to no experience in front end development. After the learning curve however, the Increment proceeded smoothly. No changes have been made to our plans and scope for the project.

5) Team Member Contribution for this increment

Luis Ferrer - Wrote the friends page, IT Document, RD document, progress report document

Ethan Anderson - Wrote account page, home page, anime card component and connected the database with routing, IT Document, RD document, progress report document

Leonardo Ribera - Wrote the script for the demo of our code for increment 2

Giancarlo Franco - Wrote the friends card component, IT Document, RD document, progress report document

6) Plans for the next increment

In the next increment, we hope to polish our frontend UI as well as completely implement components that were developed in increment 2. We also plan on writing and implementing our recommendation system.

7) Stakeholder Communication

Dear Stakeholders,

I'm pleased to provide you with an update on the development of Tempura, our anime recommendation and tracking platform.

Development Progress

We have successfully started development of the frontend UI. This includes signup and login functionality with secure password handling. The user interface has been developed using modern design principles with a clean, intuitive layout that aligns with our initial mockups.

Current Status

Completed Components:

- Site UI
- Database Connection
- Routing
- API integration and caching

In Progress:

- Recommendation system
- Friend list routing

Challenges

Our biggest challenge for increment 2 was connecting to the MongoDB Atlas server. FSU's network has a firewall that makes it near impossible for a cloud server to connect with its IP. This led us to having to work on the database parts of the project at home instead of the library where we normally meet. After realizing this, we were able to shift attention to the frontend, and push back when we were going to work on the routing to the database. This did complicate our development process, but since then things have been going smoothly. We were able to get MongoDB to connect to our front-end, but we are still working on getting more functionality and routing updated.

Next Steps

Our immediate focus is on:

1. Completing the recommendation features using the Jikan API for data
2. Connecting frontend to the database

The recommendation engine, which will be our platform's key differentiator, remains on schedule for development in the next phase.

Timeline Update

Despite the database integration challenges, we remain on schedule with our planned milestones.

Figuring out the database connection has been our only hurdle halting our progress. With that out of the way we now have our sights set on developing and implementing our recommendation system for the final increment.

Best regards,

The Tempura development team.

8) Link to video

<https://youtu.be/Mcml7-EYveA?si=qiOCR6yKWxwvE6IK>