

Progress Report

- Increment 3 -

Group #5

Please use this template to describe your progress on the group project in the latest increment. Please do not change the font, font size, margins or line spacing. All the text in italic should be removed from your final submission.

1) Team Members

Please write the **name** of all the team members, their **FSU IDs**, and **GitHub IDs** here

Alexander Kajda - ak21v - Akajda1010

Alan Castillo - ajc22q - AlanCastle5

Matthew Christoffel - mec21k - MattChris-png

Kirsten Blair - kmb22 - kirstenb19

Writer Leto - wpl19a - writer53

2) Project Title and Description

Title: Python-Flask Web Application

Description:

This application will allow users to signup/login to make posts that relate to technology, engineering, or software. Users will be able to add a title to their post, a link to the article they may be referencing, and a description of what their post pertains to. Moreover, creators of posts will be able to edit or delete their previous posts. Furthermore, other users will be able to give feedback to posts made by creators through likes/dislikes and comments. Finally, users will be able to search for posts they previously saw or for new posts they may like.

3) Accomplishments and overall project status during this increment

For this increment we successfully integrated authentication with auth0, created routes for logging in, implemented an admin account for RBAC, implemented a search posts feature, and added a comments feature on posts.

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

For this increment, we faced challenges with integrating auth0 for authorization, especially with the logout function. Also, adapting our database to include a commenting feature on the site required careful consideration. The modifications to our existing database models and the creation of new relationships proved to be more complex than expected. The biggest challenge we faced, however, was the implementation of tagging to enhance post categorization and searchability - we were unable to complete this feature for this increment due to the existing problems within our database. Integrating this feature efficiently would require a more thorough redesign of our database schema to accommodate the relationships between tags and posts which was not within our time constraints during this increment.

5) Team Member Contribution for this increment

*Please list each individual member and their contributions to **each of the deliverables in this increment** (be as detailed as possible). In other words, describe the contribution of each team member to:*

*A. the **progress report**, including the sections they wrote or contributed to.*

Alan did #2

Alexander did #3

Matthew did #4 and #6

Kirsten did #5

*B. the **requirements and design document**, including the sections they wrote or contributed to*

Alexander did #1

Alan did #2 and #4

Matthew did #3 and #5

Kirsten did #6 and #7

*C. the **implementation and testing document**, including the sections they wrote or contributed to*

Alexander did #1

Alan did #2 and #3

Matthew did #4

Kirsten did #5

*D. the source code (be detailed about **which** parts of the system each team member contributed to and **how**)*

Alex - contributed to creating and installing the SQL database for the website as well as coding some web routes for the Auth0 authentication the user uses to login to the site.

Kirsten - made changes to HTML and the implemented search feature.

Alan - implemented the comments feature on the posts and fixed a number of bugs that came out during development with the likes/dislikes and delete buttons

Matthew - completed the profile page, with all the related features, and fixed a number of bugs that came out during development with the database and authentication.

E. the video or presentation

Matthew recorded the video and **Alan** edited it.

6) Plans for the next increment

The plans for the next increment, if there was one, would be to implement tags into the search feature and get the site hosted on a server to allow for real users on the site. We would host the site on a Linode server and use gunicorn for load balancing and certbot to certify our site for security.

7) Link to video

Paste here the link to your video.

<https://youtu.be/0peyn2S1sJA>