

# **Progress Report**

**- Increment 1 -**

**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, and they can apply filters to their searches to specify what they are looking for.

## **3) Accomplishments and overall project status during this increment**

We began writing code for the website and currently have a home page and a profile route developed. We began working on installing the SQL database to house users and the posts that they create. We also wrote the HTML and CSS code for our website to give us a visual template for our web application. We are able to test the functionality of our website by using localhost on

the internet. Overall, we made good progress, but we still need to add login functionality and finish writing the code for our database to work properly with user sessions.

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

For this increment, our team faced a few challenges, particularly in the realm of HTML implementation and the hosting strategy. A key difficulty was ensuring that the HTML code for the web application was not only functional but also adhered to best practices for usability and accessibility. Balancing aesthetics with functionality proved to be more time-consuming than anticipated, as we endeavored to create an intuitive and responsive user interface while also incorporating all the required features. Additionally, our initial plan included hosting the application on a server to test its real-world performance and scalability. However, due to a significant time crunch, we had to reassess our priorities and resources. This led to the decision to forego the comprehensive hosting setup for this project.

#### **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

**Kirsten** did #5

**Writer** did #6

*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

**Writer** did #5 and #7

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

**Alexander** did #1

**Writer** did #2

**Alan** did #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.

*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 include a primary focus on getting authentication up and running. Authentication will involve integration with auth0, and making routes for login, and logout, as well as adding additional features to the profile page including a post history tab and about me that should work with the database. To improve the home page we will add a commenting feature to the posts. We will also add organizational features like tags and search.

## **7) Link to video**

*Paste here the link to your video.*

<https://youtu.be/fUhoto92egE>