CS2005 Project

Project Management Plan

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Members:

Alberto Briceno

Brandon Drake-Goobie

Dayo Asaolu

Rashed Ferdous

Robin White

Overview

For this project, the team consists of 5 people. The team has approximately 1 month to finish the project.

Roles

1. Brandon Drake-Goobie (Project Manager, Developer)
2. Alberto Briceno (Lead Developer)
3. Rashed Ferdous (Developer)
4. Robin White (Developer)
5. Dayo Asaolu (Developer)

Processes

For this project, the team has to follow strategies for the following:

Tools

The project will be built entirely using Python and the Flask framework.

Flask is a micro web framework written in Python and based on the Werkzeug toolkit and Jinja2 template engine. Jinja is the default template engine for the Python programming language. Some of Jinja's features that were relevant to this project are:

1. Sandbox execution
2. Template Inheritance

Meetings

Group members will meet during scheduled group meetings (included in the Gantt chart). All members will be present during these scheduled meetings. The group may meet outside of scheduled hours if necessary. Participation of all members in unscheduled meetings is not expected. All meetings will be held in the Engineering Building CS Lab, unless plans change due to unavoidable circumstances.

Communication Strategies

The group will communicate via the group chat for this project, on Facebook messenger. All group members will also have one other contact information of everyone in the team (preferably phone number), for urgent communication purposes.

Work Assignments (Gantt Chart)

I. Brandon Drake-Goobie
- Requirements gathering
- Requirements document
- Subscription and notifications feature
- Debugging

II. Alberto Briceno
- High-level design
- Low-level design
- Deployment (Implement modules in a package)
- Posts and topics feature
- Debugging

III. Rashed Ferdous
- Performance document
- Unit test plan
- User authentication feature
- Debugging
- Test suite for functional units

IV. Robin White
- Upvote/downvote posts feature
- Debugging
- Prototype implementation
- Project review

V. Dayo Asaolu
- Groups feature
- Debugging
- Distribution (pip package)

Deliverables Assignments

I.   Project Management Plan
   A. Rashed Ferdous
   B. Rashed Ferdous
   C. Rashed Ferdous
   D. Rashed Ferdous
   E. Group

II. Requirements Document (In charge: Brandon Drake-Goobie
   A. --
   B. --
   C. --

III. Design Document (In charge: Alberto Briceno)
   A. --
   B. --

IV. Source Code & Prototype
   A. Group

V.   Test Suites (In charge: Rashed Ferdous)
   A. Rashed Ferdous
   B. Group

VI. Prototype Documentation (In charge: Robin White)
   A. Robin White
   B. Robin White
   C. Alberto Briceno (Alternative proposed design documentation)

VII. Distribution (In charge: Dayo Asaolu,Robin White,Brandon Drake-Goobie)
   A. --
   B. --
   C. --

D. --

Team Rankings

I.   Individual Effort
   A. Brandon: 9.8
   B. Alberto:10.0
   C. Rizvan:9.6
   D. Robin:9.5
   E. Dayo:9.7

II.   Value of Contribution to the Project
   A. Brandon:9.7
   B. Alberto:10.0
   C. Rizvan:9.5
   D. Robin:9.7
   E. Dayo:9.6

III.   Quality of individual work-product
   A. Brandon:9.8
   B. Alberto:10.0
   C. Rizvan:9.9
   D. Robin:9.5
   E. Dayo:9.7

IV.   Teamwork
   A. Brandon:9.6
   B. Alberto:10.0
   C. Rizvan:9.8
   D. Robin:9.7
   E. Dayo:9.9