Project2

April 13, 2021

Contents

1   Grading Policy

Your project grade will be made up of 4 components, with 100% in total:

- 30% - Design Document

- 30% - Code

- 40% - Final Report

1.1   Design Document (Due: 4/30)

At present, you have selected a topic as your team's project 2, and each topic has a corresponding github repository. The repository mainly contains project descriptions and expected goals, as well as some reference materials related to the project. You can choose the expected goals in the repository as your project goals, or put forward your own ideas and **propose suitable project goals based on the project description**. **In other words, the topic you have selected only provides you with a big background. You can define your own project within a certain scope and put forward project goals that you think can be implemented. Please keep in mind that the Project2 is an open-ended group project, so you have a certain degree of freedom to define your own project and state what you want to do in the design document.**
    Therefore, the main content of the design document should include the following aspects:

- Project Background and Description: According to the project description in the github repository, consult relevant materials to improve the project background.

- Implementation: According to the project background and expected goals, clarify the technical route, list the main technologies used in the project, and the main innovation points.

- Expected goals: The expected goals can be the expected goals listed in the repository, **or based on the project background, put forward your own ideas and propose suitable project goals**.

- Division of labor: List the main division of labor for each team member.

    Note: You can **change the topic selection** before submitting the design document, and the topic in the design document will be the final topic selection for your team.

1.2   Code (Due: 5/30)

You are supposed to submit your project source code and corresponding operating instructions. The operating instructions should explain how to run your code, what expected goals you have achieved, and a brief analysis of the running results of your code.

1.3   Final Report (Due: 5/30)

After you complete the code for your project, you will submit a final report. Please include the following in your final report:

- Result analysis: Compared with the expected goals of the design document, explain which expected goals have been achieved and what the effects are, discuss which goals have not been achieved and what the difficulties are.

- Implementation: Discuss the main technologies used in the project.

- Future direction: For this project, discuss the future directions that can be expanded.

- Summary: Summarize the main techniques learned through the project and the experience of teamwork.

- Division of labor: List the main work for each team member.

2 Submission

2.1 What to submit

Each team is asked to submit 1 pdf and 1 zip file respecting the following requirements:
The first pdf file should:

- A pdf file named as {teamnumber}-proj2DesignDoc.pdf for your design document. Example: 01-proj2DesignDoc.pdf

The zip file should:

- Create a folder named as {teamnumber}-project2. Example: 01-project2

  - A folder named {teamnumber}-code for your project source code and operating instructions document. Example: 01-code

  - A pdf file named as {teamnumber}-report.pdf for your final report. Example: 01-report.pdf

- Zip the folder and name your zip: The zip should be named as {teamnumber}-project2.zip. Example: 01-project2.zip

2.2 Where to submit and ddl

Upload your pdf and zip file via Blackboard.
The pdf file should be submitted no later than 23:00 (Beijing time) 30 April, 2021.
The zip file should be submitted no later than 23:00 (Beijing time) 30 May , 2021.

2.3 Remarks

You should read carefully all requirements of this project.

Prohibition
You will get 0 as score for this project if you break any of the prohibitions:

- You should not Plagiarism.

- You should give clear citation when you use others ideas.

- You should follow the naming policy.

- You should give a clear report for others to read.

- Your code should be well documented for others to understand.

Contact

For any question regarding this project, please email to 12032873@mail.sustech.edu.cn. The subject of the email should respect the format: [OS] Project 2 (FirstName/LastName-TeamNumber).Example: [OS] Project 2(San/Zhang-01).