

Assignment Due: Sunday Nov 17th, 2024, 11:59PM

Objectives

- This phase is all about conceptualizing your final project.
- It involves creating a document that outlines the core idea for your project.
- Initiate early planning and ideation for your final project.
- The goal of Proposal is to encourage early thinking and planning, helping you lay a solid foundation for your project.

Grading

The proposal is an essential component of your final project, and it contributes to your overall grade.

- The proposal is worth 2 points (or 2%) of your final grade.
- **The next are the parts of the Final Project :**
 - Proposal : 2 %
 - Software : 5 %
 - Documentation & Video : 5 %
 - Demo : 8 %

It is worth emphasizing that even if you complete your final project on time, failing to submit the Proposal on time will result in the loss of the corresponding 2%.

Collaboration

Please note that Proposals will be developed within your assigned teams, following the list of students per team provided in previous assignments. This collaborative approach aims to foster teamwork and enable you to benefit from different perspectives and skills.

Remember, this project is an opportunity to showcase your talents, learn, and apply what you've learned. We're here to support you on this exciting journey. Good luck!

2. Expected Final Project Proposal

The Proposal is a pivotal component of your journey towards the final project, serving as a guide to help you channel your creativity and vision into a well-structured plan. This document plays a crucial role in ensuring that your Final Project maintains a coherent and cohesive theme.

Alignment with Final Project

The heart of the Proposal lies in its ability to establish a seamless connection between with the ultimate Final Project. It should clearly articulate the functionalities and content that will permeate to culminate in the Final Project. This alignment is essential for a successful project trajectory.

Document Format

The Proposal allows for flexibility in its format, which can be created in Word, PowerPoint, HTML, PDF, or any other format, with a preference for PDF. While creativity in the document's presentation is encouraged, it is equally essential that the content is comprehensive and well-structured.

Enhanced Clarity and Detail

In comparison to the Midterm Project Proposal, Final Project Proposal reviewers expect a significant enhancement in the clarity of your ideas. Your document should provide a detailed, extensive description of the project. Visual aids, such as diagrams and images, should be strategically integrated to elucidate your vision and project flows.

Evaluation Criteria

The quality of your proposal will be evaluated based on the following criteria:

- **Simplicity:** While clarity is valued, an excessive level of simplicity will be penalized. Strive for a balanced approach.
- **Clear Ideas:** Your document should showcase a well-thought-out and coherent set of ideas that convey your project's essence.

- **Graphical Description:** The inclusion of graphical elements should be substantive, helping reviewers grasp the project's intricacies.

Time and Effort

Your Final Project Proposal should reflect a genuine investment of time and effort.

It is evident when a proposal has been hastily assembled to meet the requirements without attention to quality. We encourage you to take this opportunity seriously and make it a steppingstone for a successful project.

No Limitations on Length or Font

There are no strict limitations on the length or font type and size. However, the document should be well-written, free from errors, and easy to read.

Incorporating Diagrams and Images

For better understanding, it is highly recommended to incorporate diagrams and images that illustrate different views and the functioning of various project components or the application as a whole. Keep in mind that, as a single-page application, the Navigation Bar format may not be the most suitable way to propose the flow between views.

Building on the Midterm Project

While it's a good idea to continue with the same topic or theme as your Midterm Project, we expect to see substantial improvements and growth in what you have developed thus far. Do not simply copy and paste your Midterm Project Proposal; instead, build upon it and showcase your progress.

3. The suggested document structure is as follows :

SE/ComS3190 Construction to User Interfaces

Fall 2024

Final Project Proposal

[Title]

[Student name1, email1]

[Student name2, email2]

[Date]

[Table of contents or outline]

1. Final Project description

- **Introduction:**

Provide a compelling description of the motivation behind your final project. Explain why it is relevant and exciting. Capture the reader's attention.

- **Objectives:**

Clearly state the objectives of your project. What do you aim to achieve? What problems will your project solve, and for whom?

2. User Experience Views:

- **Visual Representations:**

Develop diagrams and visual representations using tools such as PowerPoint, Whimsical, Lucidspark, Figma, Excalidraw, or any other drawing application. These diagrams should illustrate all the proposed user views to be developed.

- **View Descriptions:**

For each view, provide a detailed explanation. Don't let the reviewer to guess the functionality. Describe what will happen in each view and what actions users can take to ensure a positive experience. Make it crystal clear.

3. File Structure and Management:

- **File Description:**

Describe the various types of files that will be included in your project, such as JSON, JavaScript, HTML, CSS, etc. Explain the purpose of each file and what information it will contain.

- **Data Flow and Structure:**

If you have ideas about the structure of files, communication among files, or the flow of information but have not finalized them, include diagrams to illustrate your intentions. Explain your plans and how you envision managing these files and data for your project.

4. Data sources and Management:

- **Data Sources:**

Describe the sources of information that your project will rely on. Where will your data come from? Is it user-generated, from external APIs, databases, or other sources?

- **Data Format and Processing:**

Explain the format of the data you'll be working with and how your JavaScript will read and process it. If possible, provide an example of the data and how it will be displayed on your web page.

- **Data Flow and Transformation:**

If you're uncertain about the origin or storage of data in your system, include graphical representations and descriptions of how you plan to process data to create views and store information. Discuss data flow between views and data transformations, such as CRUD (Create, Read, Update, Delete) operations.

This structured approach will provide a clear and comprehensive understanding of your project proposal to both reviewers and stakeholders. It ensures that every aspect of your project is well-defined and thought-out, setting a strong foundation for the successful execution of your final project.

4. The document must be named :

FinalProjectProposal_TEAMNUMBER.?

* Where TEAMNUMBER is the number of team in Google Drive.

5. The Rubric to grade the Phase 1 Proposal:

This Assignment has a total value of 100 points.

Late submission will deduct 5 points per day late.

- Has the Final Project Proposal organized and structured and well written. ? _____ / 10
- Has the document a clear Description of the Final Project ? _____ / 15
- Does the document show and describe the proposed views ? _____ / 50
- Has the document a graphic and textual description of the internal structure of files ? _____ / 10
- Has the document description of the data, at least two of the following: structure, flow, storage, CRUD ? _____ / 15

TOTAL _____ / 100