\<Bulletin\> System Design Document

Team "Alpha"
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INSTRUCTIONS (will delete later)

Create a System Design Document for your team project.

Provide the following in this document:

I. **Introduction** - describe the contents and purpose of this document

A system design document is an essential part of the software development process that outlines the architecture, components, interfaces and other elements of a system. Its primary purpose includes being a blueprint for development, a communication tool, documentation for maintenance, risk management, quality assurance, etc. . It also provides a guide for further implementation. This document will include the following:

- Design-Level Diagram
- Statechart Diagrams
- First Cut Domain Sequence Diagram

II. **Design-Level Class Diagrams**. Refine your Class Diagram from your Analysis phase to contain the following additional information:

- Attributes: data types, initial values, range of values (if appropriate)
- Methods: return types, parameters
- Pseudocode for each method

III. **Statechart Diagrams** (one per object)
- EX: writing a post (draft, uploading, posted)
- EX: ad approval for businesses

IV. **First Cut Domain Sequence Diagrams** (one per use case)

Review the System Design section criteria from the attached Final Project Rubric. You will not receive a grade for this assignment. Your design grade will be part of your overall Team Project assignment grade.

Submit: link to your GitHub repository containing your System Design files.