

# [Team Logo]

## Design Document

**Team Members:**

[Team Members]

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## **Purpose**

[Explain the purpose of the project and]

## **Functional Requirements**

1. [Functional Requirements One]
  - a. I would like to [action user performs].
  - b. I would like to [action user performs].
  - c. I would like to [action user performs].
  
2. [Functional Requirements Two]
  - a. I would like to [action user performs].
  - b. I would like to [action user performs].
  - c. I would like to [action user performs].
  
3. [Functional Requirements Three]
  - a. I would like to [action user performs].
  - b. I would like to [action user performs].
  - c. I would like to [action user performs].
  
4. [Functional Requirements Four]
  - a. I would like to [action user performs].
  - b. I would like to [action user performs].
  - c. I would like to [action user performs].
  
5. [Functional Requirements Five]
  - a. I would like to [action user performs].
  - b. I would like to [action user performs].
  - c. I would like to [action user performs].
  
6. [Optional Functional Requirements Six]
  - a. (If time allows) I would like to [action user performs].
  - b. (If time allows) I would like to [action user performs].
  - c. (If time allows) I would like to [action user performs].

## Non Functional Requirements

1. [Non Functional Requirements One]
  - a. I would like to [action user performs].
  - b. I would like to [action user performs].
  - c. I would like to [action user performs].
  
2. [Non Functional Requirements One]
  - a. I would like to [action user performs].
  - b. I would like to [action user performs].
  - c. I would like to [action user performs].
  
3. [Non Functional Requirements One]
  - a. I would like to [action user performs].
  - b. I would like to [action user performs].
  - c. I would like to [action user performs].
  
4. [Non Functional Requirements One]
  - a. I would like to [action user performs].
  - b. I would like to [action user performs].
  - c. I would like to [action user performs].
  
5. [Non Functional Requirements One]
  - a. I would like to [action user performs].
  - b. I would like to [action user performs].
  - c. I would like to [action user performs].
  
6. [Non Functional Requirements One]
  - a. I would like to [action user performs].
  - b. I would like to [action user performs].
  - c. I would like to [action user performs].

## **Design Outline**

### **High Level Overview**

[Description of a high level overview of how the project works]

[Add a high level diagram of how the project works]

1. [Part One]
  - a. [Action part performs]
  - b. [Action part performs]
  - c. [Action part performs]
2. [Part Two]
  - a. [Action part performs]
  - b. [Action part performs]
  - c. [Action part performs]
3. [Part Three]
  - a. [Action part performs]
  - b. [Action part performs]
  - c. [Action part performs]

### **Sequence of Events**

[Description of a typical interaction with the project]

[Add sequence diagram]

## **Design Issues**

### **Functional Issues**

1. [Functional Problem One]
  - a. [Option One]
  - b. [Option Two]
  - c. [Option Three]

Choice: [Selected Option]

Justification: [Explain why the selected option was chosen over the other options]

2. [Functional Problem Two]
  - a. [Option One]

- b. [Option Two]
- c. [Option Three]

Choice: [Selected Option]

Justification: [Explain why the selected option was chosen over the other options]

3. [Functional Problem Three]
- a. [Option One]
  - b. [Option Two]
  - c. [Option Three]

Choice: [Selected Option]

Justification: [Explain why the selected option was chosen over the other options]

4. [Functional Problem Four]
- a. [Option One]
  - b. [Option Two]
  - c. [Option Three]

Choice: [Selected Option]

Justification: [Explain why the selected option was chosen over the other options]

### **Non Functional Issues**

1. [Non Functional Problem One]
- a. [Option One]
  - b. [Option Two]
  - c. [Option Three]

Choice: [Selected Option]

Justification: [Explain why the selected option was chosen over the other options]

2. [Non Functional Problem Two]
- a. [Option One]
  - b. [Option Two]
  - c. [Option Three]

Choice: [Selected Option]

Justification: [Explain why the selected option was chosen over the other options]

3. [Non Functional Problem Three]
- a. [Option One]
  - b. [Option Two]
  - c. [Option Three]

Choice: [Selected Option]

Justification: [Explain why the selected option was chosen over the other options]

4. [Non Functional Problem Four]
  - a. [Option One]
  - b. [Option Two]
  - c. [Option Three]

Choice: [Selected Option]

Justification: [Explain why the selected option was chosen over the other options]

## **Design Details**

### **Class Design**

[Class Design Diagram]

### **Descriptions of Classes and Interaction between Classes**

[How the classes are organized]

- [Class]
  - [Property of Class]
  - [Property of Class]
  - [Property of Class]
  - [Property of Class]
  - [Property of Class]
- [Class]
  - [Property of Class]
  - [Property of Class]
  - [Property of Class]
  - [Property of Class]
  - [Property of Class]
- [Class]
  - [Property of Class]
  - [Property of Class]
  - [Property of Class]
  - [Property of Class]
  - [Property of Class]

### **Sequence Diagram**

[Describe the sequence of events during the average interaction with the project]

1. [Sequence Diagram One Description]

[Sequence Diagram]

2. [Sequence Diagram Two Description]

[Sequence Diagram]

3. [Sequence Diagram Three Description]

[Sequence Diagram]

## **Navigation Flow Map**

[Description of Navigation Flow]

[Navigation Flow Map Diagram]

## **UI Mockup**

[Description of UI mockup]

[UI Mockup Image]

[Description of UI mockup]

[UI Mockup Image]

[Description of UI mockup]

[UI Mockup Image]

[Description of UI mockup]

[UI Mockup Image]