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

**Non Functional Requirements**

1. [Non Functional Requirements One]
   1. I would like to [action user performs].
   2. I would like to [action user performs].
   3. I would like to [action user performs].
2. [Non Functional Requirements One]
   1. I would like to [action user performs].
   2. I would like to [action user performs].
   3. I would like to [action user performs].
3. [Non Functional Requirements One]
   1. I would like to [action user performs].
   2. I would like to [action user performs].
   3. I would like to [action user performs].
4. [Non Functional Requirements One]
   1. I would like to [action user performs].
   2. I would like to [action user performs].
   3. I would like to [action user performs].
5. [Non Functional Requirements One]
   1. I would like to [action user performs].
   2. I would like to [action user performs].
   3. I would like to [action user performs].
6. [Non Functional Requirements One]
   1. I would like to [action user performs].
   2. I would like to [action user performs].
   3. 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]
   1. [Action part performs]
   2. [Action part performs]
   3. [Action part performs]
2. [Part Two]
   1. [Action part performs]
   2. [Action part performs]
   3. [Action part performs]
3. [Part Three]
   1. [Action part performs]
   2. [Action part performs]
   3. [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]
   1. [Option One]
   2. [Option Two]
   3. [Option Three]

Choice: [Selected Option]

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

1. [Functional Problem Two]
   1. [Option One]
   2. [Option Two]
   3. [Option Three]

Choice: [Selected Option]

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

1. [Functional Problem Three]
   1. [Option One]
   2. [Option Two]
   3. [Option Three]

Choice: [Selected Option]

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

1. [Functional Problem Four]
   1. [Option One]
   2. [Option Two]
   3. [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]
   1. [Option One]
   2. [Option Two]
   3. [Option Three]

Choice: [Selected Option]

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

1. [Non Functional Problem Two]
   1. [Option One]
   2. [Option Two]
   3. [Option Three]

Choice: [Selected Option]

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

1. [Non Functional Problem Three]
   1. [Option One]
   2. [Option Two]
   3. [Option Three]

Choice: [Selected Option]

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

1. [Non Functional Problem Four]
   1. [Option One]
   2. [Option Two]
   3. [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]

1. [Sequence Diagram Two Description]

[Sequence Diagram]

1. [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]