**Project Plan**

Group: I

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**Project Plan:**

The time given for this project is 3 months (12 weeks). Feb.8th - May.15th

**Intro (Feb. 1 - Feb. 8):**

Understand the game rules.

Play the game.

Think about the outline of this project.

**Vision Document (Feb. 8):**

Vision Document is an overview of the program and the purpose of it.

**Project Plan (Feb. 27th):**

This document is a project timeline and lists the deliverables due at each deadline. There is a small summary for each deliverable.

**Flowchart / UML (March. 20th)**

A flowchart and UML model of the layout and design of the project.

**Use Cases (April. 10th)**

A document detailing the possible use cases that can occur during the program’s execution.

**Test Plan (April. 10th)**

A document detailing the methods that will be used to test our code to ensure functionality and that the program meets all of the stakeholder’s requirements.

**User Manual (April. 19th)**

A reference guide for the end-users of the product that explains the rules of the game and how the rules of the physical version of the game translate to our digital version’s user interface.

**Construction Phase (April 10th - May 10th)**

This phase is the coding period. Where we start coding till the finish of the program/game. We may go back and fix some things in the previous phases (ex. Go back and fix UML). This phase is the longest, because there will be a lot of problems/errors.

**Basic Playability with Demo (May 1st)**

End-users will be able to perform basic functions in the game, such as drawing cards and playing cards, but the game’s rules will not be enforced.

**User Interface:**

**Part one “Layout” (March 15th)**

User interface layout is just the design part. Meaning how the program/game will look like.

**Part two “Validation” (April 26th)**

User interface validation is the actual working interface. So we will be able to move, draw, or put cards based on the rules.

**Rule Enforcement (May 10th)**

All of the game’s rules will be enforced by the program. At this point, the game will be playable from start to finish.