

Jacob Eade and Harrison Welch

Dr. Nicholson

CSCI 4600-07

25 January 2019

SuperCardsUltra Vision Document

Introduction

Purpose

The purpose of this vision document is to outline the development of SuperCardsUltra.

Scope

The scope of this document is to outline the direction of the SuperCardsUltra application and what it should contain. It contains basic descriptions and directions of the project.

Positioning

Business Opportunity

SuperCardsUltra will implement four card games in one simple to use interface that will allow the players to play card games online with their friends. We could potentially place ads in the application or charge a subscription fee per month to play.

Problem Statement

The market for online card games may be pretty saturated for any one game, but our application acts as an all in one streamlined application that allows the player to simply transfer between games.

Stakeholder Descriptions

The Stakeholders of this project and their strengths are listed below.

1. Jacob Eade
 - a. Experienced with C#
 - b. Experienced with creating WPF application in Visual Studio
2. Harrison Welch
 - a. Experience in JavaScript, Python, Java, Vue
 - b. Experience creating Web and Android Applications

Product overview

Product Perspective

SuperCardsUltra is a standalone application that will function as an interface to play card games through. This application serves entertain players by playing multiplayer card games for practice and not real money.

Summary of Capabilities

SuperCardsUltra will enable players to play any of four games: Mao, Pedro, BlackJack, and Texas-Hold-Em.

Assumptions and Dependencies

SuperCardsUltra is to be developed for a Windows 10 environment using primarily C#.

Product Features

This product features the ability for players to play the four card games outline above easily.

The card games go as follows:

Mao: A game of hidden rules where only one player knows the rules. The other players need to figure out the rules. The dealer can distribute cards as he/she sees fit, but also automatically based on what the rules are. Mao will need a notes section.

Pedro: A game of two teams of two try to get all the point cards throughout several hands. After each hand the points are tallied and the first team to 91 wins.

BlackJack: Base widely known rule of BlackJack. Get 21 without going over, house wins, blinds, etc.

Texas-Hold-Em: The base game of Texas-Hold-Em. Match with the five cards in the middle and you try to make the best set of cards.

Constraints

This application is limited to just the four card games outlined above. It will also require all players and the server to be on the internet or over a local network connection.

Other Product Requirements

This product requires a server to send and receive player inputs. The player plays a card the application must send a message saying so and emit/broadcast to all other players in the current game.