

Sprint 4

Requirements Artifact for 581 Casino Game - Ryan Grimsley, Mya Hoersdig, Henry Hoopes, Benjamin Stonestreet, Connor Williamson, Abdelrahman Amir Zeidan

1. System Overview

The Casino Simulator will allow users to log in or create an account online with blackjack as the initial game. Users will be able to gain points by winning games,

2. Functional Requirements

As a user, I want the ability to buy random items from the store.

2.1. Add surprise boxes to store - TBD

FR 1.1 Add endpoints to get random color to purchase

FR 1.2 Add endpoints to get random item to purchase

FR 1.3 Add option to store page to buy random color

FR 1.4 Add option to store page to buy random item

As a user, I want the ability to join my friends in a group of players, called a party.

2.2. Create and track “party” groups - TBD

FR 2.1 Add database of groups of players, ensuring a player can be in a only 1 party at once

FR 2.2 Add field to Account model to track which party a player is in currently

FR 2.3 Automatically remove player from party when they disconnect

FR 2.4 Add endpoints to create a party and invite other players to one, given username

As a user, I want to be automatically grouped into the same lobby as my party.

2.3. Auto-seat party members into same lobby - TBD

FR 3.1 Designate one player as a party leader

FR 3.2 Disable non-party leaders from matchmaking

FR 3.3 Matchmake all party members with party leader

As a user, I want to know if no lobby can be found to fit my party.

2.4. Show message if no lobbies available for party - TBD

FR 4.1 Add message to display if lobby cannot be found

As a user, I want the ability to upload a personalized photo for my profile picture

2.5. Profile picture personalization - TBD

FR 5.1 Add option to purchase the ability to use a personal image as icon

FR 5.2 Add the ability to upload a custom image to use as the icon