

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 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