

termProject.css

Internet Application Design and Development Fall 2021

## UNO























List all actions a user can perform a. Enumerate the inputs for the action b. Define the outcome of the action

## Actions a user may perform ...

- 1. Draw a card
- 2. Placing the appropriate card into the holder
- 3. Start a new game
- 4. Exit the game mid-turn

List all events that may occur in the system a. Specify the conditions under which that event will occur b. Define the outcome of the event

```
Conditions
   Draw a card
   Player's turn
   Cannot place appropriate card into the holder
2. Placing the appropriate card into the holder
   Player's turn
3. Start a new game
   One of the players wins
   Option to start a new game
4. Exit the game mid-turn
   Option to quit game (during the game)
```

```
Outcome of event
   Draw a card
   Player has one more card than before
   Placing the appropriate card into the holder
   Player has one less card than before
3. Start a new game
   New game is initiated
4. Exit the game mid-turn
   Leads you to the home page
```

API Documentation a. A list of endpoints that correspond to the user actions you have defined

```
1 Static
2 • Landing page: /
3 ● Login: /login
• Registration: /register
• User Profile: /user/:id

    Lobby (Authenticated page): /lobby
    Rules: /rules

 Specific Game: /game/:id
```

11 Actions

- Create game: POST /create
- Join game: POST /games/:id/join
- 14 Leave game: POST /games/:id/leave

```
1 Actions (cont)
2    Play card: POST /games/:id/play
3    Draw card: POST /games/:id/draw
4    Send message in lobby: POST /lobby/send
5    Send message in game: POST /game/:id/send
6
7 Fronte
```

## **Events**

- Message sent in LobbyMessage sent in Game Y
- Message sent in dame in the sent in the s
- User X played Card Z in Game Y
- 13 User X now has Z Cards in Game Y
- Order of players has reversed
  - Game is Over (User X has won)

https://mysterious-sea-64551.herokuapp.com/games/:id/draw https://mysterious-sea-64551.herokuapp.com/lobby