

Group 12

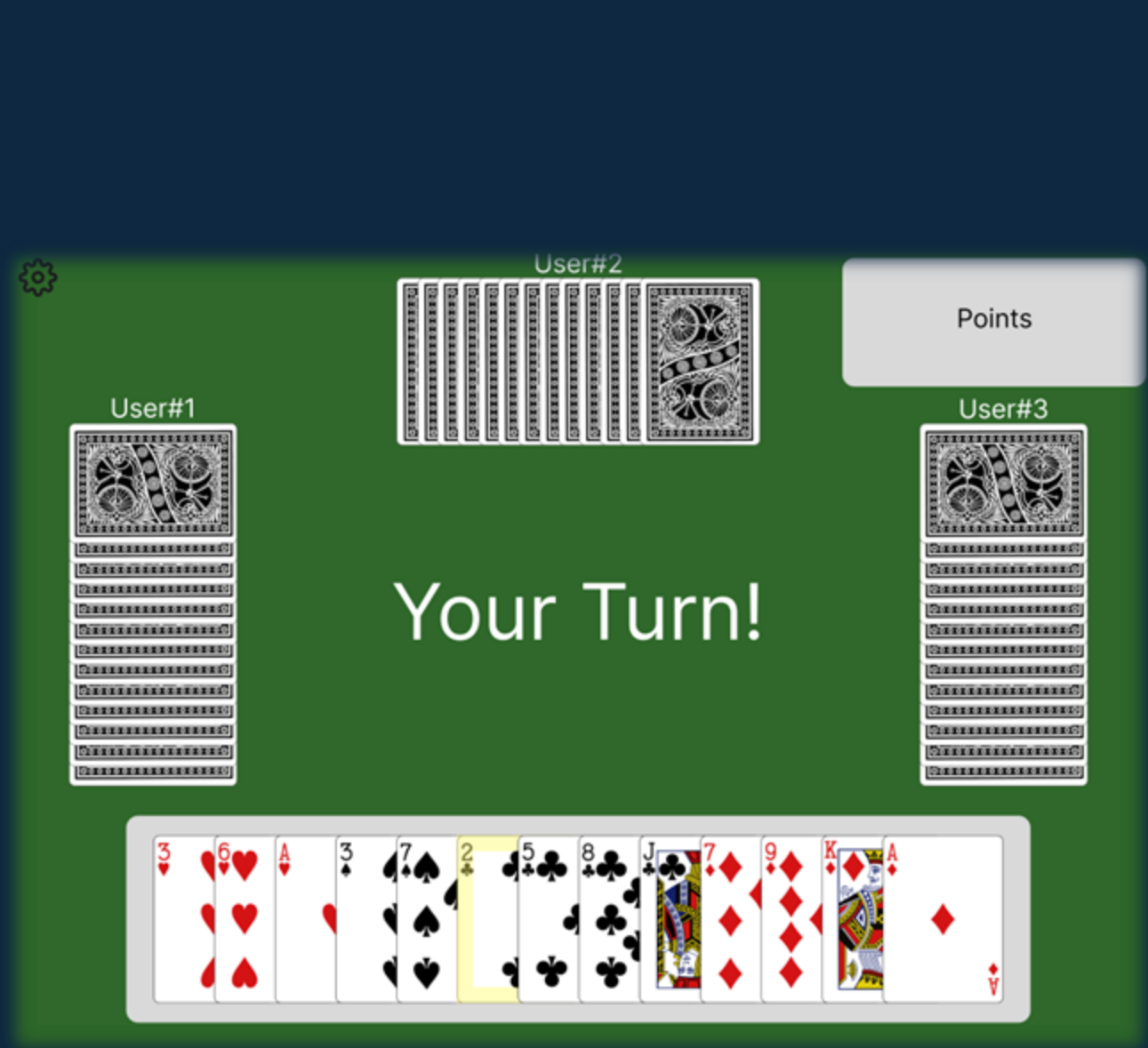
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Hearts

4-player card game

The player with the least points wins

Usually, the game is played until someone reaches 100 points.



Why Hearts?

There are many websites
hosting this card game

Most of them are either
single-player (against
computer opponents)
or your progress is not
saved

We save a user's
progress and users can
see their progress on
the leaderboard

Landing Page

Register or login

„Login“ as guest

View the game's rules



Hearts Attack

Login

Register

Guest

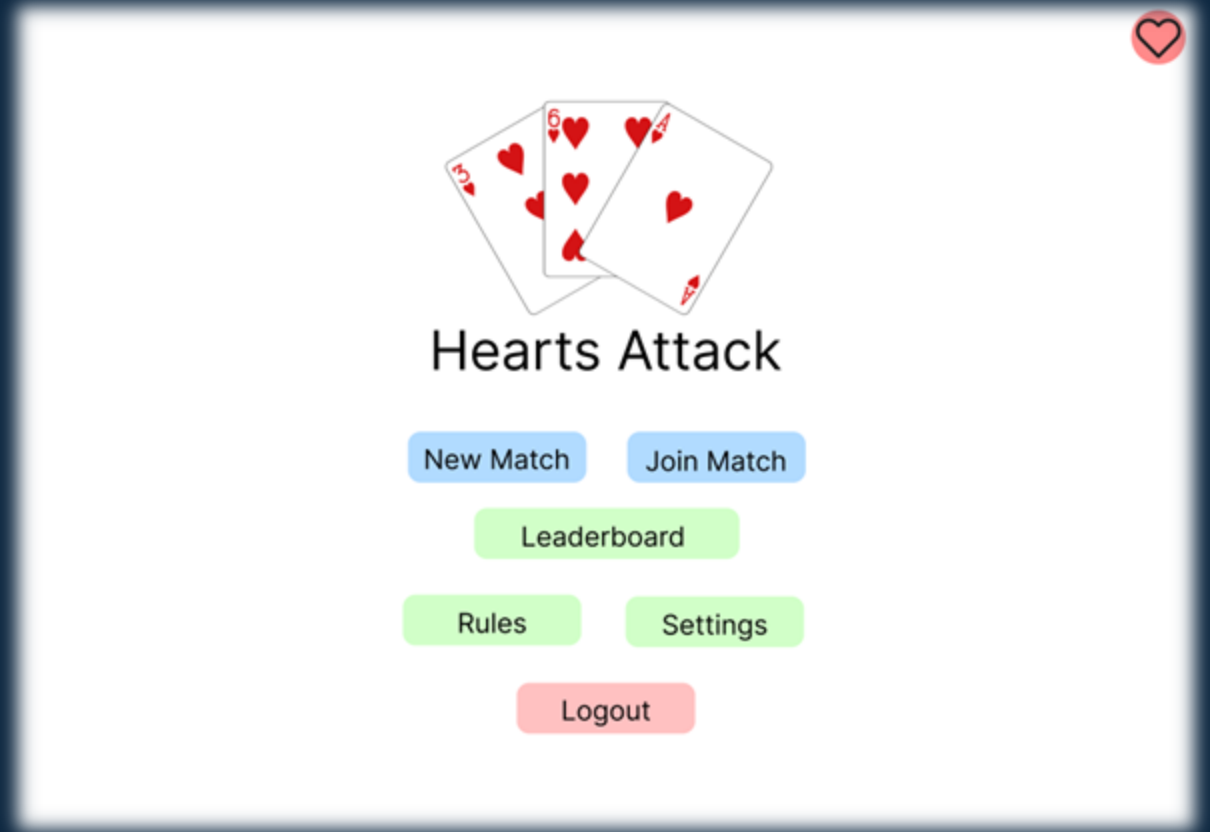
Rules

Landing Page (Logged in)

Start a new match or
join an existing match

Look at the leaderboard

View the settings page
(e.g. the design of the
cards)



Start Page

Invite or wait for players

Set computer opponents and their difficulty

Set the length of the match

The screenshot shows a game start interface with a dark blue background. It features four panels arranged in a 2x2 grid. The top-left, top-right, and bottom-left panels are identical, each containing a 'Waiting for player...' label, an 'Invite Player' button, a 'Computer opponent' button, and a 'Computer difficulty:' section with 'easy', 'medium' (highlighted in yellow), and 'hard' options. The bottom-right panel is a large gray rectangle labeled 'You'. At the bottom, there is a green bar containing the text 'Amount of points to be reached until the end:' followed by a row of buttons: 50, 75, 100 (highlighted in yellow), 150, and 200. To the right of this bar are two buttons: 'Start' (green) and 'Cancel Match' (pink).

Deck of Cards API

The API provides services for a deck of cards

Decks can be shuffled, cards can be drawn and put on piles, etc.

Images of the cards are also provided

Shuffle the Cards:

https://deckofcardsapi.com/api/deck/new/shuffle/?deck_count=1 [copy](#)

Add `deck_count` as a GET or POST parameter to define the number of Decks you want to use. Blackjack typically uses 6 decks. The default is 1.

Response:

```
{
  "success": true,
  "deck_id": "3p40paa87x90",
  "shuffled": true,
  "remaining": 52
}
```