## Simple bingo game Min requirements

- Entry Page View
  - a. Configuration inputs
    - i. Count of users (2-5)
    - ii. Count of bingo cards (1-3)
    - iii. Numbers count (25-100)
  - b. "Create cards" button
- Generated Cards View
  - a. When press "Create cards" on "Entry Page View"
    - i. Cards are generated according to the parameters entered and listed one by one
    - ii. "Create cards" button disappears
    - iii. "Configuration inputs" disappears
    - iv. "Remove cards" button appears ->
      - 1. All cards deleted
      - 2. Come back to the "Entry Page View"
    - v. "Start Game" button appears
- Game View
  - a. When press "Start Game" on "Generated Cards View"
    - i. "Start" button changed to "Stop"
      - Stop change back to "Generated Cards View"
    - ii. Section Numbers appears
    - iii. Section Winners appears
  - b. Game logic
    - i. With interval of 2 seconds new number is generated
    - ii. New number added to the Section Numbers
    - iii. New number is marked in all user cards if they includes it
    - iv. In case of first 1 line crossed in one of the users cards
      - 1. In section winners appears "USER X has crossed the 1 line" X number of user.
    - v. In case of first 2 lines crossed in one of the users cards
      - 1. In Section Winners appears "USER X has crossed the 2 line" X number of user.
    - vi. In case of all card filled in one of the users cards
      - 1. In Section Winners appears "USER X won!" X number of user.
      - 2. Game is stopped.
      - 3. Button stop changed to "Start New Game"
        - a. When press "Start New Game" come back to "Entry Page View"

## Card example

- Count of bingo cards = 1
- Numbers count (40)
- 5x5 dimension 1 card, numbers are randomly get from array 1-40
- Numbers per columens
  - 1 column numbers from range 1-8
  - 2. column numbers from range 9-16
  - 3. column numbers from range 17-24
  - etc

1 10 17 26 33

3 11 18 27 34

4 12 19 29 35

5 14 21 31 36

8 16 24 32 40

- Please create some nice design
- Use JS with Es6 without frameworks