Project Features list:
- Chat Box - a box that people can chat and talk smack in and kill spam/rank ups/ any special event
- Landing page - for logging in/ registering/ special updates or newsletters and possible feedback
- Game page - play the game
  - Lan based multiplayer - multiple people can play on the same page on the same wifi
  - Game has a rank up system - keeps players enticed by saving their progress through a rank up system allowing them upgrades
  - Possibly customizable tanks based on time- change the look of players tank
  - Leaderboard - tells the player with top score
  - Upgradeable weapons
  - Instructions/control - tells the instructions and control
  - Shoot and destroy other players
  - move

Requirements
- Player controls
  - Movement
    - Functional
      - w/s moves forward and backward
    - Unfunctional
      - Moves based on forward rotation with a movement speed
  - Rotation
    - Unfunctional
      - Rotation speed
    - Functional
      - a/d rotates right and left

  - Shoot
    - Functional
      - Space fires a bullet
    - Unfunctional
      - Creates a bullet object with a lifespan dmg and other attributes from forward rotation of tank
- Controls page

- ○ Functional
  - ■ Shows control
- ○ Unfunctional
  - ■ Button that shows the controls with click and hides with a second click

- ● Leaderboard
  - ○ Functional
    - ■ Displays top five
  - ○ Unfunctional
    - ■ Only top five of who's currently in game
- ● Feedback
  - ○ Functional
    - ■ People can give us feedback on the quality
  - ○ Unfunctional
    - ■ Text limit
- ● Landing Page
  - ○ User Log in
    - ■ Functional
      - ● Allows user to log into an account they made earlier
    - ■ Non-Functional
      - ● UserName cannot contain special chars and cannot contain racial slurs
      - ● Password must contain a special character and a capital character and a number
  - ○ Register
    - ■ Functional
      - ● Allows people to create an account
    - ■ Non-Functional
      - ● UserName cannot contain special chars and cannot contain racial slurs
      - ● Password must contain a special character and a capital character and a number
- ● Chat Box
  - ○ Functional
    - ■ People talk with others in game
  - ○ Non-Functional
    - ■ Text limit
    - ■ Only people in game

Project Plan:
- Trello Kanban board
  - https://trello.com/invite/b/v1jDvKR5/ca97e4e4237c3945b50730a36a12a426/wacky-tanks
- organized into sections based on priority in trello
- team members work on chosen part of project