Team 5 - Test Plan

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A. Menus 001, homepage, Severity 1
B. Load the website.
C. homepage displayed with single player and multiplayer buttons.

A. Menus 002, Single Player button, Severity 1
B. Click on the Single Player button.
C. Choice of AI difficulty is displayed to player via popup.

A. Menus 003, Easy AI button, Severity 1
B. Clicking the easy AI button.
C. Player is sent into a game with easy AI.

A. Menus 004, Hard AI button, Severity 1
B. Click the hard AI button.
C. Player is sent into a game with hard AI.

A. Menus 005, Login button, Severity 2
B. Click the login button on the homepage.
C. Player will be sent to the login screen.

A. Menus 006, Multiplayer button logged in, Severity 1
B. Clicking the Multiplayer button on the homepage while logged in.
C. Player is sent to host or join screen.

A. Menus 007, Multiplayer button not logged in, Severity 3
B. Clicking the Multiplayer button on the homepage while not logged in.
C. Player is sent to the login screen.

A. Menus 008, Host button, Severity 1
B. Click host game button.
C. Player is sent into a lobby and join key is displayed.

A. Menus 009, Join button, Severity 1
B. Click Join button.
C. Player is given the choice to input a join key or to join a random public lobby via popup.

A. Menus 010, Random Lobby Button (host), Severity 1
B. Click the random lobby button while no other public lobbies are waiting for another player.
C. Create a public lobby and wait for another player.

A. Menus 011, Random Lobby Button (join), Severity 1
B. Click the random lobby button while there is a public lobby waiting for another player.
C. Player joins the existing public lobby.

A. Menus 012, Join Key Input, Severity 1
B. Input the key provided by a player hosting a game.
C. Player is now in a private lobby associated with that join key.

A. Menus 013, Incorrect Join Key, Severity 3
B. Enter a join key that is not associated with any existing private lobbies.
C. Player is prompted with a "Key does not exist" message.

A. Menus 014, Rules Button, Severity 3
B. Click on the rules button on the homepage.
C. Rules are loaded in a popup.

A. Menus 015, Profile Page, Severity 3
B. Click on the player's username on the homepage.
C. Player will be sent to their profile page.

A. Login 001, Register Account, Severity 2
B. Click on the register button after filling in username and password.
C. Account will be registered and logged in, and the player will be sent to homepage.

A. Login 002, Login Player, Severity 2
B. Click on the login button after filling in username and password with valid information.
C. Account will login and the player will be sent to the homepage.

A. Login 003, Register Account repeat, Severity 2
B. Try to register an account with a username that is already registered.
C. Popup saying "User already exists." will appear to the player.

A. Login 004, Wrong Login, Severity 2
B. Try to login to a username with the wrong password.
C. Popup saying "Incorrect Password for User _____" will appear to the Player.

A. Battleship 001, Placing "Ships" Screen, Severity 1
B. Fill a lobby with two players or with a player and an AI.
C. Ship placing screen displayed.

A. Battleship 002, Select Ship, Severity 2
B. Select a ship.
C. Ship fades (half opacity) from selection section.

A. Battleship 003, Ship Click No Selection Made, Severity 3
B. Without a ship selected, click on a tile.
C. Error saying 'Select a ship' will appear.

A. Battleship 004, Ship Hovering Preview, Severity 3
B. With a ship selected, mouse over a tile on your field.
C. Ship hovering preview appears red and at half opacity on your field.

A. Battleship 005, Ship Hovering Preview Click, Severity 1
B. With a ship selected and a tile chosen, click.
C. Places a full opacity preview at that tile.

A. Battleship 006, Ship Preview Auto-Rotate, Severity 2
B. Place a preview on the bottom row of tiles.
C. The red preview will auto-rotate to fit on the grid.

A. Battleship 007, Ship Rotation, Severity 1
B. Click on a red preview tile
C. Preview will rotate clockwise 90 degrees until it fits in the grid.

A. Battleship 008, Moving Preview, Severity 1
B. Click on another tile while preview is active.
C. Preview will shift to the selected tile.

A. Battleship 009, Confirm Preview, Severity 1
B. Click on confirm button after having preview on grid.
C. Ship will turn green and unable to move.

A. Battleship 010, Free confirmed Ship, Severity 2
B. Click on a confirmed (green) ship.
C. Ship will return to being a preview.

A. Battleship 011, Keep Preview Active, Severity 2
B. Click on an unplaced ship before confirming the position of a preview.
C. The preview will remain in place and nothing else will happen.

A. Battleship 012, Lock Ship Formation, Severity 1
B. Have 8 confirmed (green) ships and click confirm.
C. Board will be confirmed and player will be waiting for opponent.

A. Battleship 013, Game Start, Severity 1
B. Have both players with confirmed boards.
C. Game will start with person who was first in the lobby.

A. Battleship 014, Active Player, Severity 1
B. Be the active player.
C. Screen will be clear and opponent's field will be available to click.

A. Battleship 015, Passive Player, Severity 1
B. Be the passive player.
C. Screen will be partially obscured and only the chat will be usable.

A. Battleship 016, Attack, Severity 1
B. Active player clicks a tile on the opponent's field.
C. An indicator appears on the tile to indicate a hit or miss and players will switch roles.

A. Battleship 017, Passive View, Severity 1
B. Passive player gets attacked by active player
C. A red or white indicator appears on the passive player's field to indicate a hit or a miss.

A. Battleship 018, Win, Severity 1
B. Attack and sink opponent's last ship.
C. Popup with congratulation message will appear and player will be sent to the homepage.

A. Battleship 019, Loss, Severity 1
B. Lose the game by having your last ship sunk.
C. Popup with a "you lose" message appears and player will be sent to the homepage.

A. Battleship 020, Forfeit Surety, Severity 2
B. Exit page while in a game.
C. Popup will appear asking if you are sure you want to forfeit.

A. Battleship 021, Forfeit, Severity 2
B. Click 'Yes' after trying to exit page while in a game.
C. Player will return to homepage, lose the game, and the opponent will receive a win.

A. Battleship 022, Forfeit Cancel, Severity 2
B. Click 'No' after trying to exit page while in a game.
C. Popup will close and game will be unaffected.

A. Exit 001, Leave Before Game Start, Severity 2
B. Exit the website before starting a game.
C. Allow the user to leave without any notification.

A. Exit 002, Leave After Game Start, Severity 2
B. Exit the website while playing a game.
C. A popup will appear with an "Are you sure?" message.

A. Exit 003, Are You Sure Yes, Severity 2
B. Click yes on the "Are You Sure?" popup.
C. Webpage will close.

A. Exit 004, Are You Sure No, Severity 2
B. Click np on the "Are You Sure?" popup.
C. Popup will close.

A. Chat 001, Post Message, Severity 3
B. Have a message in the text box and hit send.
C. Message appears in the text box that both players can see.

A. Chat 002, Empty Message, Severity 3
B. Have no message.
C. Send button will not function.

A. Profile 001, Check stat update, Severity 3
B. After finishing a game, check profile page from homepage.
C. Statistics will update based off of how the previous game progressed.

A. Profile 002, Update Password Button, Severity 3
B. In profile page hit the update password button.
C. Popup prompting for previous and new password appears to the player.

A. Profile 003, Update Password, Severity 2
B. Input correct previous password and desired new password and click confirm.
C. Password will update to match the new password.

A. Profile 004, Update Password Cancel, Severity 3
B. Click cancel on the password change password.
C. Popup will close.

A. Profile 005, Update Password Wrong, Severity 2
B. Input incorrect previous password and a new password and click confirm.
C. Error saying that an incorrect password was inputted will appear.

A. Profile 006, Logout, Severity 2
B. Click 'Logout' button on profile page.
C. Account will be logged out.

A. Profile 007, Delete Account, Severity 3
B. Click 'Delete Account' button on profile page.
C. Account will be terminated.