# Test Case Plan

| **Test Case ID** | **Preconditions** | **Test Steps** | **Input Data** | **Expected Results** | **Actual Results** | **Test Environment** |
| --- | --- | --- | --- | --- | --- | --- |
| TC-01 | None | 1. Navigate to the login page.  2. Enter valid email and password.  3. Click the login button. | Email, Password | User is successfully logged in and redirected to the home page. | User is successfully logged in. | Web browser (Chrome, Firefox) |
| TC-02 | Valid account exists | 1. Navigate to the registration page.  2. Enter a new username, email, and password.  3. Click the register button. | Username, Email, Password | Registration is successful and user is redirected to the home page. | Registration was successful. | Web browser (Chrome, Firefox) |
| TC-03 | Email already registered | 1. Navigate to the registration page.  2. Enter an existing email and password.  3. Click the register button. | Existing Email, Password | Error message displayed: "Email already in use." | Error message displayed. | Web browser (Chrome, Firefox) |
| TC-04 | Valid account exists | 1. Navigate to the login page.  2. Enter the valid email and password.  3. Click the login button. | Email, Password | User is successfully logged in and redirected to the home page. | User is successfully logged in. | Web browser (Chrome, Firefox) |
| TC-05 | Invalid email or password | 1. Navigate to the login page.  2. Enter an invalid email or password.  3. Click the login button. | Invalid Email, Password | Error message displayed: "Authentication failed." | Error message displayed. | Web browser (Chrome, Firefox) |
| TC-06 | Valid account exists | 1. Navigate to the login page.  2. Enter valid email.  3. Enter an invalid password.  4. Click the login button. | Email, Invalid Password | Error message displayed: "Authentication failed." | Error message displayed. | Web browser (Chrome, Firefox) |
| TC-07 | User is logged in | 1. Navigate to the home page.  2. Click the user menu button.  3. Click the logout button. | None | User is successfully logged out and redirected to the login page. | User is successfully logged out. | Web browser (Chrome, Firefox) |
| TC-08 | None | 1. Navigate to the home page.  2. Verify the presence of multiple game cards. | None | Multiple game cards are displayed with images and alt text. | Multiple game cards are displayed. | Web browser (Chrome, Firefox) |
| TC-09 | None | 1. Navigate to the search page.  2. Search for “Archer Hero”.  3. Verify search results are displayed. | "Archer Hero" | Search results are displayed and contain images with alt text. | Search results are displayed. | Web browser (Chrome, Firefox) |
| TC-10 | None | 1. Navigate to the RPG category page.  2. Verify the presence of RPG game cards. | None | RPG game cards are displayed with images and alt text. | RPG game cards are displayed. | Web browser (Chrome, Firefox) |
| TC-11 | None | 1. Navigate to the game page for "Archer Hero".  2. Verify page title, header, description, game embed, how to play section, instructions, rating, categories, and similar games section. | None | Page title, header, description, game embed, how to play section, instructions, rating, categories, and similar games are displayed correctly. | All elements are displayed correctly. | Web browser (Chrome, Firefox) |
| TC-12 | User is logged in | 1. Navigate to the game page for "Masked Special Forces".  2. Wait for the page to load.  3. Locate the comment textarea.  4. Enter "Awesome game" into the textarea.  5. Click 'Add Comment'.  6. Wait for the success message. | "Awesome game" | Success message "Comment added successfully" is displayed. | Success message is displayed. | Web browser (Chrome, Firefox) |
| TC-13 | User is logged in | 1. Navigate to the game page for "Masked Special Forces".  2. Wait for the page to load.  3. Locate the comment textarea.  4. Enter "Ok" into the textarea.  5. Click 'Add Comment'.  6. Wait for the error message. | "Ok" | Error message "Please enter a comment more than 3 character." is displayed. | Error message is displayed. | Web browser (Chrome, Firefox) |
| TC-14 | User is not logged in | 1. Navigate to the home page of the site.  2. Navigate to the game page for "Masked Special Forces".  3. Wait for the page to load.  4. Locate the comment textarea.  5. Enter "Great game!" into the textarea.  6. Click 'Add Comment'.  7. Wait for the login prompt. | "Great game!" | Login prompt "Please login to comment." is displayed. | Login prompt is displayed. | Web browser (Chrome, Firefox) |