

## ***Ceng453 - Test Cases Document of Frontend***

### **Case 1 :**

<b><i>Description</i></b>	<b><i>Value</i></b>
Test ID	1
Summary	Validation of Register Button Functionality
Prerequisites	1 - User opens the Application
Procedure	1 - User Clicks "Register" Button on the main screen
Expected Result	1- User is navigated to Register page

Pass/Fail	Passed
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### **Case 2 :**

<b><i>Description</i></b>	<b><i>Value</i></b>
Test ID	2
Summary	Validation of email input checker in the register page if anything is written or not
Prerequisites	1 - User opens the Application 2 - User clicks to Register button in the main page
Procedure	1 - User fills the form. 2 - E-mail section must be blank 3 - Click submit button
Expected Result	1- "Please Enter Email Address!" message is shown

Pass/Fail	Passed
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**Case 3 :**

<b>Description</b>	<b>Value</b>
Test ID	3
Summary	Validation of email input checker in the register page if the email is valid or not
Prerequisites	1 - User opens the Application 2 - User clicks to Register button in the main page
Procedure	1 - User fills the form. 2 - E-mail section must not be filled in (xyz@abc.com)
Expected Result	1- "Please Enter Valid Email Address!" message is shown

Pass/Fail	Passed
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**Case 4 :**

<b>Description</b>	<b>Value</b>
Test ID	4
Summary	Validation of password input checker in the register page if the password is valid or not
Prerequisites	1 - User opens the Application 2 - User clicks to Register button in the main page
Procedure	1 - User fills the form. 2 - E-mail section must be filled in " <a href="#">xyz@abc.com</a> " 3 - Password contains less then 5 elements
Expected Result	1- "Please Enter Password with at least 5 characters long!" message is shown

Pass/Fail	Passed
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**Case 5 :**

<b>Description</b>	<b>Value</b>
Test ID	5
Summary	Validation of Submit Button Functionality in Register Page
Prerequisites	1 - User opens the Application 2 - User clicks to Register button in the main page
Procedure	1 - User fills the form. 2 - E-mail section must be in "xyz@abc.com" 3 - Password must contain at least 5 characters
Expected Result	1- "Account created successfully" message is shown 2- Navigated to main page after clicking "ok" button on the message.

Pass/Fail	Passed
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**Case 6 :**

<b>Description</b>	<b>Value</b>
Test ID	6
Summary	Validation of Login Button Functionality in the Main Page with empty "username" or empty "password"
Prerequisites	1 - User opens the Application
Procedure	1 - User fills the form with empty username or empty password or with both 2 - Login button is clicked
Expected Result	1- "Please Enter Username" or "Please Enter Password" warning message is shwon.

Pass/Fail	Passed
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**Case 7 :**

<b>Description</b>	<b>Value</b>
Test ID	7
Summary	Validation of Login Button Functionality in the Main Page with empty “username” or empty “password”
Prerequisites	1 - User opens the Application
Procedure	1 - User fills the form with wrong username or wrong password or with not existing user data. 2 - Login button is clicked
Expected Result	1- “Username or password are wrong” warning message is shown.

Pass/Fail	Passed
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**Case 8 :**

<b>Description</b>	<b>Value</b>
Test ID	8
Summary	Validation of Login Button Functionality in the Main Page
Prerequisites	1 - User opens the Application
Procedure	1 - User fills the form with username and related password (for example: username: hellohello & password: hellohello). 2 - Login button is clicked
Expected Result	1- Navigated to user page ,which contains “Scoreboard”, “Play and “Logout” buttons, after clicking “Login” button on the main page.

Pass/Fail	Passed
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**Case 9 :**

<b>Description</b>	<b>Value</b>
Test ID	9
Summary	Validation of Scoreboard Button Functionality in the User Page
Prerequisites	1 - User opens the Application 2 - User logins with valid user information(username: hellohello password: hellohello)
Procedure	1 - Scoreboard button is clicked
Expected Result	1- Navigated to scoreboard page, which shows weekly scoreboard and monthly scoreboard, after clicking "Scoreboard" button on the user page.

Pass/Fail	Passed
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**Case 10 :**

<b>Description</b>	<b>Value</b>
Test ID	10
Summary	Validation of Main Menu Button Functionality in the Scoreboard Page
Prerequisites	1 - User opens the Application 2 - User logins with valid user information(username: hellohello password: hellohello) 3- User clicks Scoreboard button.
Procedure	1 - Main Menu button is clicked in the Scoreboard Page
Expected Result	1- Navigated back to user page.

Pass/Fail	Passed
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**Case 11 :**

<b>Description</b>	<b>Value</b>
Test ID	11
Summary	Validation of Logout Button Functionality in the User Page
Prerequisites	1 - User opens the Application 2 - User logins with valid user information(username: hellohello password: hellohello)
Procedure	1 - Logout button is clicked in the User Page
Expected Result	1- Navigated back to Main Page.

Pass/Fail	Passed
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**Case 12 :**

<b>Description</b>	<b>Value</b>
Test ID	12
Summary	Validation of Logout Button Functionality in the User Page
Prerequisites	1 - User opens the Application 2 - User logins with valid user information(username: hellohello password: hellohello)
Procedure	1 - Logout button is clicked in the User Page
Expected Result	1- Navigated back to Main Page.

Pass/Fail	Passed
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**Case 13 :**

<b>Description</b>	<b>Value</b>
Test ID	13
Summary	Validation of Play Button Functionality in the User Page
Prerequisites	1 - User opens the Application 2 - User logins with valid user information(username: hellohello password: hellohello)
Procedure	1 - Play button is clicked in the User Page
Expected Result	1- Navigated to first level of the game, game starts.

Pass/Fail	Passed
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**Case 14 :**

<b>Description</b>	<b>Value</b>
Test ID	14
Summary	Validation of Ability to Shoot
Prerequisites	1 - User opens the Application 2 - User logins with valid user information(username: hellohello password: hellohello) 3 - Play button is clicked in the User Page
Procedure	1 - User clicks “space” to shoot
Expected Result	1 - Player’s character shoots a bullet

Pass/Fail	Passed
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**Case 15 :**

<b>Description</b>	<b>Value</b>
Test ID	15
Summary	Validation of Ability to Move
Prerequisites	1 - User opens the Application 2 - User logins with valid user information(username: hellohello password: hellohello) 3 - Play button is clicked in the User Page
Procedure	1 - User clicks “W”, “A”, “S” and “D” or moves mouse to move character
Expected Result	1 - Player’s character moves on the screen

Pass/Fail	Passed
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**Case 16 :**

<b>Description</b>	<b>Value</b>
Test ID	16
Summary	Validation of Ability to Losing Health with Enemy Bullet
Prerequisites	1 - User opens the Application 2 - User logins with valid user information(username: hellohello password: hellohello) 3 - Play button is clicked in the User Page
Procedure	1 - User’s character is shoot by enemy bullet
Expected Result	1 - Player’s character health decreases with each enemy bullet

Pass/Fail	Passed
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**Case 17 :**

<b>Description</b>	<b>Value</b>
Test ID	17
Summary	Validation of Losing Functionality of the Game
Prerequisites	1 - User opens the Application 2 - User logins with valid user information(username: hellohello password: hellohello) 3 - Play button is clicked in the User Page
Procedure	1 - User's character is shoot by enemy bullet until its health finishes
Expected Result	1 - "Game Over" and "Score:xxx" screen (can be called death screen) appears.

Pass/Fail	Passed
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**Case 18 :**

<b>Description</b>	<b>Value</b>
Test ID	18
Summary	Validation of "Return the Main Menu" button in the death screen.
Prerequisites	1 - User opens the Application 2 - User logins with valid user information(username: hellohello password: hellohello) 3 - Play button is clicked in the User Page 4 - User's character dies with enemy's bullets.
Procedure	1 - User clicks "Return the Main Menu" button in the death screen.
Expected Result	1 -User is navigated back to user page.

Pass/Fail	Passed
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**Case 19 :**

<b>Description</b>	<b>Value</b>
Test ID	19
Summary	Validation of hitting enemy with the user's character's bullet.
Prerequisites	1 - User opens the Application 2 - User logins with valid user information(username: hellohello password: hellohello) 3 - Play button is clicked in the User Page
Procedure	1 - User's character shoots to aliens(enemy characters)
Expected Result	1 - Enemy character is hit by the user character's bullet and enemy's health decreases or die according to its level.

Pass/Fail	Passed
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**Case 20 :**

<b>Description</b>	<b>Value</b>
Test ID	20
Summary	Validation of Blocking Bullet
Prerequisites	1 - User opens the Application 2 - User logins with valid user information(username: hellohello password: hellohello) 3 - Play button is clicked in the User Page
Procedure	1 - User's character shoots to aliens' bullet
Expected Result	1 - User validates he/she is able to destroy the approaching bullet with his/her bullet

Pass/Fail	Passed
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**Case 21 :**

<b>Description</b>	<b>Value</b>
Test ID	21
Summary	Validation of Passing Levels.
Prerequisites	1 - User opens the Application 2 - User logins with valid user information(username: hellohello password: hellohello) 3 - Play button is clicked in the User Page
Procedure	1 - User's character shoots to aliens 2 - All aliens die.
Expected Result	1 - User passes to next level

Pass/Fail	Passed
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**Case 22 :**

<b>Description</b>	<b>Value</b>
Test ID	22
Summary	Validation of Completion of the Game
Prerequisites	1 - User opens the Application 2 - User logins with valid user information(username: hellohello password: hellohello) 3 - Play button is clicked in the User Page
Procedure	1 - User competes all four levels of game by destroying all alien ships and surviving
Expected Result	1 - User's score is shown and as "Game Result Score" and this screen contains "Return to main menu" button which navigates to user page.

Pass/Fail	Passed
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