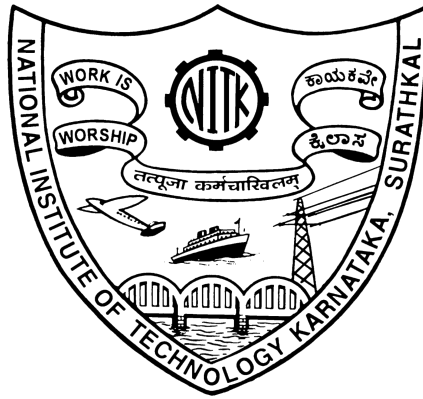# National Institute of Technology Karnataka
Department of Information Technology

Topic

Software Engineering - Preparing Test Cases

Submitted To

Ms. Raksha R Nadgir

Department of Information Technology

Submitted By

Aiman Abdullah Anees   15IT106

Test Cases

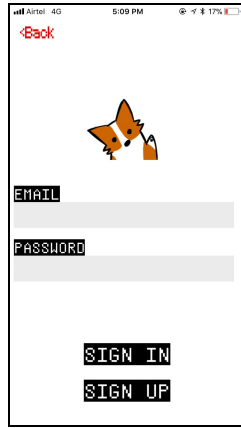| Test Focus	Test Description	Pre and Post condition	Test Steps	Test Data	Expected Result	Actual Result	Test Result
Sign In as Admin	To test Admin Sign In functionality	X	1. Open browser 2. Enter url 3. Enter Admin username 4. Enter Admin password	1. Correct username correct password of Admin 2. Correct username wrong password 3. Wrong username correct password 4. Wrong username wrong password 5. Empty username field non-empty password 6. Non-empty username field empty password	1. Should Sign In to Admin home page 2. Should not Sign In 3. Should not Sign In 4. Should not Sign In 5. Should not Sign In 6. Should not Sign In	1. Correct 2. Correct 3. Correct 4. Correct 5. Correct 6. Correct	1. Pass 2. Pass 3. Pass 4. Pass 5. Pass 6. Pass
Sign Up	To test Sign Up functionality	X	1. Open iOS App 2. Go to Sign Up page 3. Enter Name, Email, Password	1. Correct Input 2. Email already exists 3. Password not 6 characters long or more 4. Password and Re-Enter Password not matching 5. Some fields missing	1. Registration Successful- should add User to the System 2. Failed Registration- display error msg 3. Failed Registration- display error msg 4. Failed Registration- display error msg 5. Failed Registration- display error msg	1. Correct 2. Correct 3. Correct 4. Correct 5. Correct 6. Correct	1. Pass 2. Pass 3. Pass 4. Pass 5. Pass 6. Pass
Sign In as User	To test User Sign In functionality	X	1. Open iOS App 3. Enter User username 4. Enter User password	1. Correct username correct password of User 2. Correct username wrong password 3. Wrong username correct password 4. Wrong username wrong password 5. Empty username field non-empty password 6. Non-empty username field empty password	1. Should Sign In to User home page 2. Should not Sign In 3. Should not Sign In 4. Should not Sign In 5. Should not Sign In 6. Should not Sign In	1. Correct 2. Correct 3. Correct 4. Correct 5. Correct 6. Correct	1. Pass 2. Pass 3. Pass 4. Pass 5. Pass 6. Pass
Profile Page view	To test denial of page for anonymous Users	X	1. Sign In to the App 2. Go to the Profile Page	1. On successful Sign In, go to the Profile Page 2. Unsuccessful Sign In	1. Should view the Profile Page 2. Should not view the Profile Page	1. Correct 2. Correct	1. Pass 2. Pass
Scan the Game	To test Game Scanning functionality	X	1. Sign In to the App 2. Scan the Game 3. Capture Game Cover image	1. On successful Sign In, scan the game present in games database 2. On successful Sign In, scan the game not present in games database 3. Unsuccessful Sign In	1. Should view the game description 2. Should view the description of some other game 3. Should not view the game description	1. Correct 2. Correct 3. Correct	1. Pass 2. Pass 3. Pass

View Game Description	To test Game Description functionality	X	1. Sign In to the App 2. Scan the Game 3. Capture the Game Cover image to view the Game Description	1. On successful Sign In, scan the game present in games database 2. On successful Sign In, scan the game not present in games database 3. Unsuccessful Sign In	1. Should view the game description 2. Should view the description of some other game 3. Should not view the game description	1. Correct 2. Correct 3. Correct	1. Pass 2. Pass 3. Pass

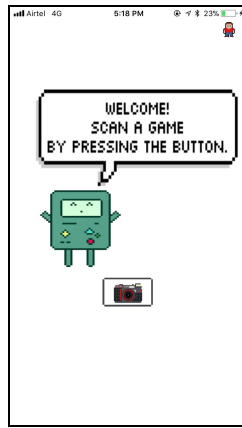**Screenshots:**

Test case: Game Description when game present in the games database is scanned.
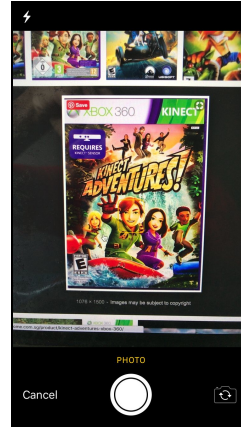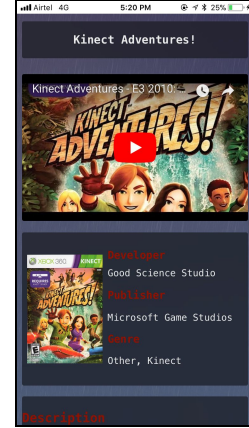

(a)   (b)   (c)   (d)   (e)
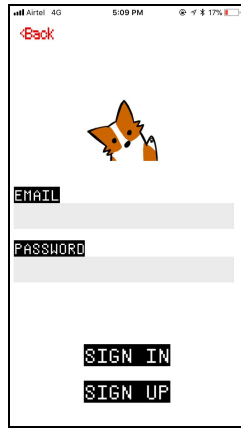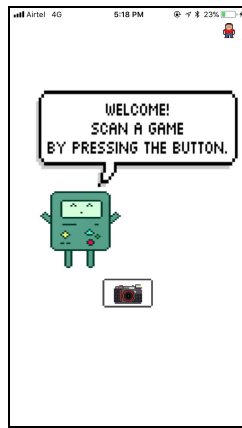
Test case: Game Description when game not present in the games database is scanned.
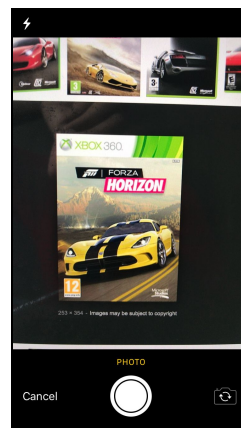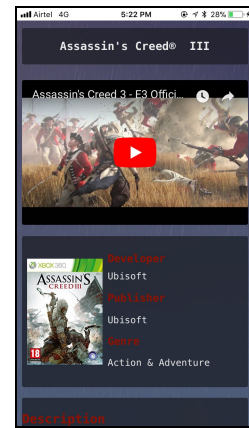

(a)   (b)   (c)   (d)   (e)

(a) App Initial Page
(b) App Sign In
(c) Scan the game by pressing the button
(d) Capture the Game Cover Image
(e) Game Description