Test case 1

EcoFind

**Test cases**

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| *Test case Id:* | Test1 |
| *Purpose:* | To validate a response Time for the user to login |
| *Pre-condition:* | * App running * Build successfully * User has his valid Login credentials |
| *Steps:* | 1. User clicks on the Login Button and waits for the application to load in the Emulator or the android device. |
| *Expectation:* | If the user has already signed up with the app, the User when presses the login button , it will take it to homepage of the app. |

Test case 2

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| *Test case Id:* | Test2 |
| *Purpose:* | To test the sign-up activity of the app and to test that the new user is registered on the database. |
| *Pre-condition:* | * App running * Database properly set up |
| *Steps:* | 1. User enters his username , mail and password 2. Clicks on the sign up button |
| *Expectation:* | If the user enters the valid credentials, and presses the sign up button. His username will be stored in the app database . |

Test case 3

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| *Test case Id:* | Test3 |
| *File:* | To validate the remember me function of the app |
| *Purpose:* | To test whether the remember me function of the app works and if user selects the remember me function, he doesn’t need to login again with the app |
| *Pre-condition:* | * App running * User has his valid Login credentials * User clicks on the Login button on the login page |
| *Steps:* | 1. User clicks on the login button after entering valid  credentials |
| *Expectation:* | Once the user clicks on the login button, the home page should  Launch under the time frame of 2 seconds. |

Test case 4

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| *Test case Id:* | Test4 |
| *Purpose:* | To validate that the navigation drawer is working properly while sliding it to the right as well as when clicking on the  navigation bar button |
| *Pre-condition:* | * App running * Build successfully * User clicks on the Login button on the login page * User is on the Home Screen |
| *Steps:* | 1. User clicks on the navigation drawer button or swipes the  drawer from left to right |

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| *Expectation:* | Once the user clicks on the navigation drawer button or swipes the drawer from left to right, the navigation drawer should  launch with different menus in it. |

Test case 5

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| *Test case Id:* | Test5 |
| *Purpose:* | To validate the response time for the map activity to launch |
| *Pre-condition:* | * App running * User has already retrieved API key from google and plugged it in the manifest file. |
| *Steps:* | 1. User clicks on Map Activity from the navigation drawer. |
| *Expectation:* | Once the user clicks on Map activity from the navigation drawer, it taked almot 5-10 seconds to launch properly on the App. |

Test case 6

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| *Test case Id:* | Test6 |
| *Purpose:* | To test the functionality of the call button , so when it is  pressed it opens the dialer and calls the desired number. |
| *Pre-condition:* | * App Running * User is on the Contact us page |
| *Steps:* | 1. User clicks on the call button on the contact us page. |
| *Expectation:* | Once the user clicks on the call button , the app ask for the permission to use the dialer. Once the user gives the permission , it opens the dialer with the number of the support  team. |

Test case 7

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| *Test case Id:* | Test7 |
| *File:* | To validate the Mail button on the contact us page. |
| *Purpose:* | To test the functionality of the mail button , so when it is pressed it opens the new activity where it gets the input from the user. |
| *Pre-condition:* | * App running * User is on the Contact us page |
| *Steps:* | 1. User clicks on the mail button on the contact us page. |
| *Expectation:* | Once the user clicks on the mail button, the app takes the user to the new activity where it ask the user for the input. |

Test case 8

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| *Test case Id:* | Test8 |
| *Purpose:* | To validate the status page of the App |
| *Pre-condition:* | * App running * Database properly connected |
| *Steps:* | 1. User goes to the status Activity 2. User selects the animal for which he want to |
| *Expectation:* | Once the user selects his animal and presses the get data button the user will get randomly generated data |

Test case 9

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| *Test case Id:* | Test9 |
| *Purpose:* | To validate the shared preferences of the setting page. |
| *Pre-condition:* | * App running |
| *Steps:* | 1. User is on the settings page 2. User selects the desired settings he wants to change |
| *Expectation:* | Once the user clicks his desirable setting that he wants to change and presses the save button. The setting is being applied for the whole app |

Test case 10

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| *Test case Id:* | Test10 |
| *File:* | To validate the logout function of the app |
| *Purpose:* | To test the response time from when the user selects logout button to the time it logs out from. |
| *Pre-condition:* | * App installed * Build successfully |
| *Steps:* | 1. User clicks on the logout button |
| *Expectation:* | Once the user clicks on the logout button, user logs out from the activity and redirected to the login page. |