**PartyGuard Android App**

Unit Testing Plan Report

**Android Nachos**

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| **Cond**  **#** | **Test Condition** | **Steps / Setup** | **Expected Result** | **Actual Result** | **Pass / Fail** |
| **1 Login Screen** | | | | | |
| 1.1 | To check whether the user can login successfully into the system | The user must enter right email ID and Password and click on the login button | The user logs into the system successfully. | The user logs into the system successfully. | Pass |
| 1.2 | To check whether the user can login to the system without entering a password or entered an incorrect password | The user must enter the email ID and click on the login button | The user cannot login to the system. | The user cannot login to the system. | Pass |
| 1.3 | To check whether the user can login to the system without entering the email ID | The user must enter the password and click on the login button | The user cannot login to the system | The user cannot login to the system | Pass |
| 1.4 | To check whether the user can login to the system without entering email ID and password | The user must click on the login button without entering email ID and password | The user cannot login to the system | The user cannot login to the system | Pass |
| 1.5 | To check whether the user can navigate to the reset password page by clicking on Forgot Password? button | The user must click on the Forgot Password? button | The user navigates to the reset password page successfully | The user navigates to the reset password page successfully | Pass |
| 1.6 | To check whether the user can navigate to the Signup page by clicking on the Create Account button | The user must click on the Create Account button | The user navigates to the Signup page successfully | The user navigates to the Signup page successfully | Pass |
| 1.7 | To check whether the user can navigate to the Host/Guard Signup page by clicking on the Host/Guard Signup button | The user must click on the Host/Guard Signup button | The user navigates to the Host/Guard Signup page successfully | The user navigates to the Host/Guard Signup page successfully | Pass |
| **2 Signup Screen – Basic User** | | | | | |  |  |  | The user cannot login to the system |
| 2.1 | To check whether the user can upload an image in the image view by clicking on profile image view | 1. Click on image button and select “upload from library” option 2. Select and image from the gallery | User can view the selected image in the image view. | User can view the selected image in the image view. | Pass |
| 2.2 | To check whether a user can register to the app without entering the required details | In Signup screen, click on Register button without entering the required details. | App should throw the list of required fields that were not entered | App should throw the list of required fields that were not entered | Pass |
| 2.3 | To check if the phone number is validated | 1. Enter all the required details 2. Enter incorrect format of phone number | App should not allow user to signup and throw an error that the phone number is in incorrect format. | App should not allow user to signup and throw an error that the phone number is in incorrect format. | Pass |
| 2.4 | To check if the password format is validated | 1. Enter all the required details 2. Enter incorrect format of password | App should not allow user to sign up and throw a toast that indicates the password format rules. | App should not allow user to sign up and throw a toast that indicates the password format rules. | Pass |
| 2.5 | To check if the user can upload camera image to the profile image view | 1. Click on image button and select “upload from library” option 2. Select and image from the gallery | User can view the selected image in the image view. | User can view the selected image in the image view. | Pass |
| 3 | **University Activity** | | | |  |
| 3.1 | To check if the universities are loading from the JSON | Navigate to University activity | User can view the list of universities and they are clickable | User can view the list of universities and they are clickable | Pass |
| 4 | **Fraternity Activity** | | | | |
| 4.1 | To check if the fraternities are loading from the JSON | Navigate to Fraternity activity | User can view the list of fraternities and their images and they are clickable | User can view the list of fraternities and their images and they are clickable | Pass |
| 5 | **Report Issue Activity** | | | |  |
| 5.1 | To check if the selected Fraternity is shown on the top of the page | Navigate to Report issue activity | User can view the fraternity in the top of screen. | User can view the fraternity in the top of screen. | Pass |
| 5.2 | To check if the list of Issue Types is listed in the screen | Navigate to Report issue activity | User can view the types of issues in the screen | User can view the types of issues in the screen | Pass |
| 6 | **Report Location Activity** | | | |  |
| 6.1 | To check if the selected Fraternity is shown on the top of the page | Navigate to Report Locationactivity | User can view the fraternity in the top of screen. | User can view the fraternity in the top of screen. | Pass |
| 6.2 | To check if the Issue Type is shown in the screen | Navigate to Report Location activity | User can view the issue type in the screen | User can view the issue type in the screen | Pass |
| 6.3 | To check if the list of fraternity locations is shown in the screen | Navigate to Report Location activity | User can view the fraternity locations in the screen | User can view the fraternity locations in the screen | Pass |
| 6.4 | On selecting a location, a dialog box should popup and user should be able enter comments in the dialog box | Click on a location in this activity | User can view the dialog box and can enter comments and press “OK” | User can view the dialog box and can enter comments and press “OK” | Pass |
| 6.5 | App should not perform any functionality if cancel is clicked in the dialog functionality | Click on cancel on the dialog box | User can view the location activity again. | User can view the location activity again. | Pass |

**Host User:**

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| **Cond**  **#** | **Test Condition** | **Steps / Setup** | **Expected Result** | **Actual Result** | **Pass / Fail** |
|  | To check whether the host can login successfully into the system | The user must enter right email ID and Password and click on the login button | The host logs into the system successfully | The host logs into the system successfully | Pass |
|  | To check whether the host can login to the system without entering a password or entered an incorrect password | The user must enter the email ID and click on the login button | The host cannot login to the system. | The host cannot login to the system. | Pass |
|  | To check whether the host can login to the system without entering the email ID | The user must enter the password and click on the login button | The host cannot login to the system | The host cannot login to the system | Pass |
|  | To check whether the host can login to the system without entering email ID and password | The user must click on login button without entering the email ID and password. | The host cannot login to the system | The host cannot login to the system | Pass |
|  | To check whether the host can navigate to the reset password page by clicking on Forgot Password? button | The user must click on forgot password button. | The host navigates to the reset password page successfully | The host navigates to the reset password page successfully | Pass |
|  | To check if the guards are loading from the Service | When user clicks on login button after entering credentials, User lands on PG team screen where user can view guards. | Host can view the list of guards and they are clickable | Host can view the list of guards and they are clickable | Pass |
|  | Navigate to the guard profile by clicking on “View” button | User must click on View button of particular guard in PG team screen. | Host must be able to see the guard details in the screen | Host must be able to see the guard details in the screen | Pass |
|  | To check if user can navigate to the PG team screen by clicking on back arrow | User must click on back button arrow in Guard profile screen. | User must navigate to PG team screen | User must navigate to PG team screen | Pass |
|  | To check if the alerts are loading from the Service Url in the “alert” screen | User must click on Alerts tab button. | Host can view the list of alerts and they are clickable | Host can view the list of alerts and they are clickable | Pass |
|  | To check if the selected alert is shown with the user details | User must click on an alert in Alert screen. | Host can view the details on a click. | Host can view the details on a click. | Pass |
|  | To check if the resolved alerts are pushed into history tab in the screen | User must click on history tab button. | Host can view the resolved alerts under history tab | Host can view the resolved alerts under history tab | Pass |
|  | To check if the host details are shown on the host profile screen using the service which pulls the data from the service. | User must click on profile tab button. | Host can view the host details on the screen | Host can view the host details on the screen | Pass |
|  | To check if the host details are editable on the click on edit button, which enables the text view to edit text fields. | User must click on edit button in Profile screen. | Host can edit the details on the edit button click. | Host can edit the details on the edit button click. | Pass |

**Guard User:**

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| --- | --- | --- | --- | --- | --- |
| **Cond**  **#** | **Test Condition** | **Steps / Setup** | **Expected Result** | **Actual Result** | **Pass / Fail** |
|  | To check whether the guard can login successfully into the system | The user must enter right email ID and Password and click on the login button | The Guard logs into the system successfully | The Guard logs into the system successfully | Pass |
|  | To check whether the guard can login to the system without entering a password or entered an incorrect password | The user must enter the email ID and click on the login button | The guard cannot login to the system. | The guard cannot login to the system. | Pass |
|  | To check whether the guard can login to the system without entering the email ID | The user must enter the password and click on the login button | The guard cannot login to the system | The guard cannot login to the system | Pass |
|  | To check whether the guard can login to the system without entering email ID and password | The user must click on login button without entering the email ID and password. | The guard cannot login to the system | The guard cannot login to the system | Pass |
|  | To check whether the guard can navigate to the reset password page by clicking on Forgot Password? button | The user must click on forgot password button. | The guard navigates to the reset password page successfully | The guard navigates to the reset password page successfully | Pass |
|  | To check whether the guard can navigate to the Signup page by clicking on the Guard Sign up text view. | The user must click on Guard SignUp button in Login screen. | The guard navigates to the Signup page successfully | The guard navigates to the Signup page successfully | Pass |
|  | To check whether the guard can upload an image in the image view by clicking on profile image view | 1. Click on image button and select “upload from library” option 2. Select and image from the gallery | Guard can view the selected image in the image view. | Guard can view the selected image in the image view. | Pass |
| 8 | To check whether a guard can register to the app without entering the required details | In Signup screen, click on Register button without entering the required details. | App should throw the list of required fields that were not entered | App should throw the list of required fields that were not entered | Pass |
| 9 | To check if the phone number is validated | 1. Enter all the required details 2. Enter incorrect format of phone number | App should not allow guard to sign up and throw an error that the phone number is in incorrect format. | App should not allow guard to sign up and throw an error that the phone number is in incorrect format. | Pass |
| 10 | To check if the password format is validated | 1. Enter all the required details 2. Enter incorrect format of password | App should not allow guard to sign up and throw a toast that indicates the password format rules. | App should not allow guard to sign up and throw a toast that indicates the password format rules. | Pass |
| 11 | To check if the guard can upload camera image to the profile image view | 1. Click on image button and select “upload from library” option 2. Select and image from the gallery | Guard can view the selected image in the image view. | Guard can view the selected image in the image view. | Pass |
| 12 | To check if the alerts are loading from the Service Url | Guard must click on Alerts tab button. | Guard can view the list of alerts and they are clickable | Guard can view the list of alerts and they are clickable | Pass |
| 13 | To check if the selected alert is shown with the user details | Guard must click on an alert in Alert screen. | Guard can view the details on a click. | Guard can view the details on a click. | Pass |
| 14 | Guard must be able to claim alert by clicking on “Claim” button | Guard must click on claim button in Claim Alert screen. | The claimed alert is not visible to the other guards | The claimed alert is not visible to the other guards | Pass |
| 15 | To check if the resolved alerts are pushed into history tab in the screen when clicked on “Resolve” button | Guard must click on resolve button after resolving an alert in claim alert screen. | Guard can view the resolved alerts under history tab | Guard can view the resolved alerts under history tab | Pass |
| 16 | To check if guard user is able to view all the resolved alerts by clicking on “History” button | Guard must click on history tab button. | Guard can view the resolved alerts. | Guard can view the resolved alerts. | Pass |
| 17 | To check if the guard details are shown on the guard profile screen using the service which pulls the data from the service. | Guard must click on history tab button. | Guard can view the guard details on the screen | Guard can view the guard details on the screen | Pass |
| 18 | To check if the guard details are editable on the click on edit button, which enables the text view to edit text fields. | User must click on edit button in Profile screen. | Guard can edit the details on the edit button click. | Guard can edit the details on the edit button click. | Pass |