



# TEST REPORT

**SPLITPAY**

# Testing Report

App Name: **SplitPay**

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## **List of Completed features**

All Features are completed and they are as follows.

1. Login Activity
2. Registration of new user
3. Registration form validation
4. Group Creation
5. Adding member to the selected group.
6. Adding item details and amount spent on item.
7. Split the amount between all the members of a selected group.
8. Member due amount payment
9. SMS notification
10. Logout Activity

## **Passed test cases**

All necessary test cases were passed successfully. The list of test cases that were performed at various stages and their results are tabulated as shown in the table below.

Test	Result	Details
Try to login with invalid user name or password	Pass	Toast message “Invalid credentials” is displayed when an incorrect username or password is entered.
Login with valid username and password	Pass	The user is redirected to the group registration page.

Click on forgot password button to get SMS with the password	Pass	When a user clicks on forgot password, if his username exists in database his password is sent to his mobile phone.
Try to register with empty fields on registration screen	Pass	We are displaying an alert button saying mandatory field when a field is left blank to the user
Enter Email in incorrect format on Registration screen	Pass	Incorrect Email-id alert message displayed to the user
Enter username same as full name on Registration screen	Pass	Username should not be same as full name. alert message displayed to the user
Enter Phone number of only 10 – Digits	Pass	Phone number should be of exactly 10 – digits.
Enter Password less than eight characters on Registration screen	Pass	You must have at least 8 character in password alert messaged displayed to the user
Enter Username same as Password.	Pass	Username should not be same as Password alert message displayed to the user
Enter password and confirm password on Registration screen so that they don't match	Pass	Password does not match alert message displayed to the user
Enter Card number length less than 16 digits on Registration screen	Pass	Invalid card number alert message displayed to the user
Enter CVV length less than 3 digits on Registration screen	Pass	Incorrect ccv alert message displayed to the user
Go the login screen after clicking on cancel button on user registration screen	Pass	Login screen displayed to the user
Enter the same details on the registration screen as that of an existing user.	Pass	User already exists toast messaged displayed to the user
Verify that with correct user credentials, login is successful and	Pass	Registered groups user screen displayed to the user

user is taken to registered groups screen		
Verify that user is able to create a new group.	Pass	Group is created and displayed on the registered group screen
Verify that on clicking of cancel button on add group dialog box, the group is not added and user is taken back to registered groups screen	Pass	User is redirected to registered group screen without adding group
Try to add members to the group from contact list	Pass	Member is added to the group
Try to add two members with same name in the same group	Pass	Member not saved toast message is displayed to the user
Click on the split button on item add dialog screen without selecting any members	Pass	Toast message is displayed saying Please select a member.
Verify that total amount text color is red in color when total owed amount greater than \$0.0	Pass	Total owed amount displayed in red color
Verify that a sms is sent to the member when the total amount he owes is greater than \$0.0	Pass	SMS sent to the user
Click on cancel button of add item details dialog box	Pass	User is redirected to group members screen without adding item expenses
Click on split button after selecting some members through check box	Pass	Item expenses is split between members of the group
Try to make payment without selecting any member through checkbox	Pass	Please select member first toast message is displayed to the user
Make payment after selecting some members through checkbox	Pass	Amount owed of selected member is displayed \$0.0
Verify that on logout user are taken to login screen	Pass	User is redirected to login screen
App works on PORTRAIT MODE	Pass	App is locked to Portrait Mode

on Phones		for Phones
App works on LANDSCAPE MODE on Tablets.	Pass	App is locked to Landscape Mode for Tablets
Data or Wifi has to be enabled during the time of using the app.	Pass	App fetches data from Firebase via the Internet.

### **System Interaction and Dependency**

- App is supported on all the android devices of any screen size.
- App works on PORTRAIT MODE on Phones.
- App works on LANDSCAPE MODE on Tablets.
- App resumes as normal after the call is ended.
- App is compatible with all android OS versions with API level greater than 14.
- App accesses INTERNET permission, SEND-SMS permission and CONTACT permission.