
TEST PLAN

For

Expense Tracker

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Preface

This document is mainly for a tester who wants to test the functionality of this application. Detailed test cases along with instructions are provided for the tester to test each scenario and evaluate it.

Revision History

Date	Revision	Description	Author
11/26/16	1.0	Initial Version	Abhishek Dutta

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1. Test Manual

This section describes step by step process on how to test this application with the test case scripts. All test cases are written using JUnit.

- The source file for the test cases are stored in:
 “Expense Tracker\src\com\domain\myTest” location.
- You need to compile those java files using proper libraries and run **“AllTests”** test suite.
- While Testing, please read the instructions carefully in the console before entering any value for all test cases to be executed successfully.

2. Test Cases

This section describes all the test cases. Please follow the test instructions in the console.

T.1 Test to check if member got added successfully.

- Input: valid user name
 Output: Display no errors. Add user to the system.

T.2 Test to check if member was deleted successfully.

- Input: valid user name
 Output: Display no errors. Delete user to the system.
- Input: invalid user name that doesn't exist
 Output: Display error message.

T.3 Test to display members.

- Input: Enter option 7.
 Output: Display list of all members.

T.4 Test to check if an expense for a user was added successfully.

- Input: valid user name, valid category
 Output: Display no errors. Add expense for the user in the system.
- Input: invalid user name that doesn't exist
 Output: Display error message.

T.5 Test to check if an expense for a user was deleted successfully.

- Input: valid user name, valid category, valid date.
Output: Display no errors. Delete expense for the user in the system.
- Input: invalid user name that doesn't exist
Output: Display error message.
- Input: invalid category/date that doesn't exist
Output: Display error message.

T.6 Test to check if an expense for a member was updated successfully.

- Input: valid user name, valid category, valid date.
Output: Display no errors. Update expense for the user in the system.
- Input: invalid user name that doesn't exist
Output: Display error message.
- Input: invalid category/date that doesn't exist
Output: Display error message.

T.7 Test to check all expenses for a member.

- Input: valid user name.
Output: Display no errors. List all expenses for the user.
- Input: invalid user name that doesn't exist
Output: Display error messages.

Please refer the requirement traceability in the SRS document to track the test cases.