Test cases

Test #	Valid/ Invalid data	Description of test	Input value	Expected output	Actual output	Test pass/ fail
1	Valid	Login into the account with correct credentials	Valid username and password	Action(Land on the home page)	Action(Land on the home page)	Pass
2	Invalid	Login into the account with incorrect password	Invalid username or password	Message(Either username or password is wrong. Please try again.)	Message(Either username or password is wrong. Please try again.)	Pass
3	Valid	Creating a new user account with all the required fields having a value.	First name Last name, Email, Password	Action(Land on the home page)	Action(Land on the home page)	Pass
4	Invalid	Creating a new user account with an email that already has an account.	First name Last name, Email, Password	The email is already in use!!	The email is already in use!!	Pass
5	Invalid	Giving a negative input for balance or expense fields.	Balance Expense	The value is changed to 0	The value is changed to 0	Pass
5	Valid	View groups associated with each user	IList<userAccount> Members, userId=314252c4-87c8-44db-b9c0-6e2fec66c87b	GroupId=508a98b6-331e-40ab-a821-360881ac8e3f	Public DbSet<Group> Groups { get; set; }	Fail
6	Invalid	Create a new group that is null	Group Name = [Null], Group Balance = [Null], Group Expense = [Null]	Message(You must fill out every single field about the group.)	Action(System crashes and Visual Studio throws an exception)	Fail

Test #	Valid/ Invalid data	Description of test	Input value	Expected output	Actual output	Test pass/ fail
7	Invalid	Creating a null report	Notification Name = Null, Details = Null, Group = Null	Snackbar(Incorrect information cannot be added. Please review what you have entered.)	Snackbar(Incorrect information cannot be added. Please review what you have entered.)	Pass
8	valid	Open a new tab if the user wishes to see Deniz`s Github account from "About Split Smart"	Click(Download Source Code)	Action(Creates a new tab)	Action(Creates a new tab)	Pass
9	Invalid	Create a group with "Null" Balance and "Null" Expense	GroupBalance = [Null], GroupExpense = [Null]	Snackbar(Name, Balance and Expense must not be blank)	Exception(Fields cannot be null)	Fail
10	Invalid	Create "Null" user account	Name = [Null], Surname = [Null], Email = [Null], Password = [Null], Balance = [Null], Expense = [Null]	Prevent app from creating "Null" user	Prevent app from creating "Null" user	Pass
11	Valid	Run without giving any exception due to Name in Sidebar	Action(Run application with multiple tasks at the same time)	Action(Application runs smoothly)	InternalServerError()	Fail
12	Valid	Display members of each group	Click(EditGroup/Has(x) Members)	Action(Display the group members)	TheFunctionDoesNotExist()	Fail

Test #	Valid/ Invalid data	Description of test	Input value	Expected output	Actual output	Test pass/ fail
13	Valid	Delete "Group Avalon" from Groups database	Action(Groups/DeleteGroup)	Action(Group disappeared from the list)	Exception(Database Conflict)	Fail
14	Invalid	Create a "null" payment	Payment Name = Null, Payment Amount = Null	SnackBar(The payment you entered is not valid. Please try again)	Action(Invalid Payment Added)	Fail