# Use Case Description

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID:** | 1 | | | |
| **Use Case Name:** | Add Expense | | | |
| **Process Owner:** | Adrian Lane | | **Last Updated By:** | Adrian Lane |
| **Date Created:** | 7/5/2019 | | **Date Last Updated:** | 7/6/2019 |
| **Actor:** | | Application user | | |
| **Description:** | | The user should be able to execute the following:   1. Select the “Add Expense” button 2. Enter expense details 3. Save the expense 4. See the expense in the expense list | | |
| **Preconditions:** | | The user is already on the “Main” screen and has an expense they would like to add | | |
| **Postconditions:** | | At the end of the “Add Expense” process, the user is returned to the “Expense List” screen | | |
| **Performance Goal:** | | The process should not take more than one minute | | |
| **Basic Workflow:** | | 1. User is on the “Main” screen 2. User presses “Expenses” button 3. User is now on the “Expense List” view 4. User presses “Add Expense” button 5. User is now on the “Add Expense” view 6. User enters expense details 7. User presses “Save” button 8. User receives confirmation of successful save 9. User is now on the “Expense List” view 10. User can see the expense in the expense list | | |
| **Alternative Workflow:** | | 1. User is on the “Main” screen 2. User presses “Expenses” button 3. User is now on the “Expense List” view 4. User presses “Add Expense” button 5. User is now on the “Add Expense” view 6. User enters expense details 7. User presses “Cancel” button 8. User is now on the “Expense List” view   User can see the expense in the expense list | | |
| **Category:** | | Expense Management | | |
| **Risks:** | | External dependencies may be unavailable, there is currently no “offline” mode | | |
| **Possibilities:** | | * The expense is added and saved * The process is cancelled and not saved * The process fails and not saved | | |
| **Special Requirements:** | | Internet access must be available at all times | | |
| **Assumptions:** | | Internet access is available | | |
| **Notes and Issues:** | | Local storage should be implemented to allow for offline mode or intermittent connectivity | | |

# Use Case Description

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID:** | 2 | | | |
| **Use Case Name:** | Edit Category | | | |
| **Process Owner:** | Adrian Lane | | **Last Updated By:** | Adrian Lane |
| **Date Created:** | 7/5/2019 | | **Date Last Updated:** | 7/6/2019 |
| **Actor:** | | Application user | | |
| **Description:** | | The user should be able to execute the following:   1. Select the “Manage Categories” button 2. Select a category to modify 3. Save changes to the category 4. See the related expenses showing the updated category information | | |
| **Preconditions:** | | The user is already on the “Main” screen and has an expense they would like to add | | |
| **Postconditions:** | | At the end of the “Add Expense” process, the user is returned to the “Expense List” screen | | |
| **Performance Goal:** | | The process should not take more than one minute | | |
| **Basic Workflow:** | | 1. User is on the “Main” screen 2. User presses “Categories” button 3. User is now on the “Category List” view 4. User presses “Edit” next to the category of their choice 5. User is now on the “Edit Category” view 6. User updates the category details 7. User presses “Save” button 8. User receives confirmation of successful save 9. User is now on the “Category List” view 10. User presses the “Back” button 11. User is now on the “Main” screen 12. User presses the “Expenses” button 13. User is now on the “Expense List” view 14. User can see the new category information reflected if the category was associated with any expenses | | |
| **Alternative Workflow:** | | 1. User is on the “Main” screen 2. User presses “Categories” button 3. User is now on the “Category List” view 4. User presses “Edit” next to the category of their choice 5. User is now on the “Edit Category” view 6. User updates the category details 7. User presses “Cancel” button 8. User is now on the “Category List” view 9. User presses the “Back” button 10. User is now on the “Main” screen 11. User presses the “Expenses” button 12. User is now on the “Expense List” view 13. User can confirm the category information has not changed if there were any expenses associated with the category | | |
| **Category:** | | Category Management | | |
| **Risks:** | | External dependencies may be unavailable, there is currently no “offline” mode | | |
| **Possibilities:** | | * The category is modified * The process is cancelled and not saved * The process fails and not saved | | |
| **Special Requirements:** | | Internet access must be available at all times | | |
| **Assumptions:** | | Internet access is available | | |
| **Notes and Issues:** | | Local storage should be implemented to allow for offline mode or intermittent connectivity | | |