US04.01.01

Use Case Name:	AddExpenseItem
Participating Actors:	Claimant
Goal:	Add one or more expense item to an expense claim with date, category, description, amount, unit of currency
Trigger:	Claimant long click one claim and choose Item List from pop out dialog, then click “Add an item” button
Precondition:	Entry of an expense item to have minimal required navigation in the user interface and Claimant should have exist claim in claim list.
Postcondition:	New expense item is saved or canceled

Basic Flow:

1. System prompts user to choose from “Claimant” or “Approver”.
2. User choose “Claimant”.
3. System listing the claim, prompting for a selection.
4. Claimant browse and select a claim.
5. System prompt dialog with a list of option.
6. Claimant select “Item List”.
7. System listing the expense item list.
8. Claimant click “Add an item”.
9. System prompts claimant to enter the information for the new expense item.
10. Claimant enter item name and date, then select category from spinner, and enter description, amount, then select unit of currency from spinner, then click “Finish”.

Exception:

4. If there is no claim, system return to add claim.

10. If claimant enter the wrong format of date, system display error message.

10. If claimant enter the amount is not number, system display error message.

US04.02.01

Use Case Name	ExpenseItemCategory
Participating actors:	Claimant
Goal:	Choose category for an expense item from one of air fare, ground transport, vehicle rental, private automobile, fuel, parking, registration, accommodation, meal, or supplies.
Trigger:	Claimant click the category spinner, select category from spinner.
Precondition:	Category options includes air fare, ground transport, vehicle rental, private automobile, fuel, parking, registration, accommodation, meal, or supplies.
Postcondition:	On success, expense item category displayed.
Basic Flow: 1. System prompts claimant to enter the information for the new expense item. 2. Claimant choose one of category from category spinner (air fare, ground transport, vehicle rental, private automobile, fuel, parking, registration, accommodation, meal, or supplies). 3. System present the category of this expense item.	

US04.03.01

Use Case Name:	ExpenseItemCurrency
Participating actors:	Claimant
Goal:	Choose unit of currency for an expense item from CAD, USD, EUR, GBP, CHF, JPY, or CNY.
Trigger:	Claimant click the unit of currency spinner, select currency from spinner.
Precondition:	Unit of currency options include CAD, USD, EUR, GBP, CHF, JPY, or CNY.
Postcondition:	On success, unit of currency for expense item displayed.
Basic Flow: 1. System prompts claimant to enter the information for the new expense item. 2. Claimant choose one of currency from unit of currency spinner (CAD, USD, EUR, GBP, CHF, JPY, or CNY.). 3. System present the unit of currency for this expense item.	

US04.04.01

Use Case Name:	FlagIncompleteness
Participating actors:	Claimant
Goal:	Flag an expense item with an incompleteness indicator, even if all item fields have values, so that I am reminded that the item needs further editing.
Trigger:	Claimant long click one claim and choose Item List from pop out dialog, then long click one expense item from expense item list, and select “Flag” from pop out dialog.
Precondition:	Claimant should have exist item in item list.
Postcondition:	On success, expense item is flagged for further editing.
Basic Flow: 1. System prompts user to choose from “Claimant” or “Approver”. 2. User choose “Claimant”. 3. System listing the claim, prompting for a selection. 4. Claimant browse and select a claim. 5. System prompt dialog with a list of option. 6. Claimant select “Item List”. 7. System listing the expense item list. 8. Claimant browse and select an expense item. 9. System prompts dialog with a list of option. 10. Claimant select “Flag”. Exception: 4. If there is no claim, system return to add claim. 8. If there is no expense item in the list, system return to add expense item.	

US04.05.01

Use Case Name:	ViewExpenseItem
Participating actors:	Claimant
Goal:	View an expense item and its details.
Trigger:	Claimant long click one claim and choose Item List from pop out dialog, then long click one expense item from expense item list, and select “Detail” from pop out dialog.
Precondition:	Claimant should have exist item in item list.
Postcondition：	On success, expense item detail displayed.

Basic Flow:

1. System prompts user to choose from “Claimant” or “Approver”.
2. User choose “Claimant”.
3. System listing the claim, prompting for a selection.
4. Claimant browse and select a claim.
5. System prompt dialog with a list of option.
6. Claimant select “Item List”.
7. System listing the expense item list.
8. Claimant browse and select an expense item.
9. System prompts dialog with a list of option.
10. Claimant select “Detail”.
11. System display the detail of this expense item.

Exception:

4. If there is no claim, system return to add claim.

11. If expense item has incomplete information, leave it as blanket and proceed.

US04.06.01

Use Case Name:	EditExpenseItem
Participating actors:	Claimant
Goal:	Edit an expense item when it allowed changes.
Trigger:	Claimant long click one claim and choose Item List from pop out dialog, then long click one expense item from expense item list, and select “Detail” from pop out dialog. Next, click “Edit this item”.
Precondition:	Claimant selected claim list’s status should be “In progress” or “Returned”. In addition, it should have exist item in item list for this claim.
Postcondition:	On success, editable item detail displayed.

Basic Flow:

1. System prompts user to choose from “Claimant” or “Approver”.
2. User choose “Claimant”.
3. System listing the claim, prompting for a selection.
4. Claimant browse and select a claim.
5. System prompt dialog with a list of option.
6. Claimant select “Item List”.
7. System listing the expense item list.
8. Claimant browse and select an expense item.
9. System prompts dialog with a list of option.
10. Claimant select “Detail”.
11. System display the detail of this expense item.
12. Claimant click on “Edit this item”.
13. System display the editable detail of this expense item.

Exception:

4. If there is no claim in the list, system return to add claim.

8. If there is no expense item in the list, system return to add item.

13. If this expense item is not belong to the claim which status is “In progress” or “Returned”, display error message “This expense item is not editable”.

US04.07.01

Use Case Name:	DeleteExpenseItem
Participating actors:	Claimant
Goal:	Delete an expense item when it allowed changes.
Trigger:	Claimant long click one claim and choose Item List from pop out dialog, then long click one expense item from expense item list, and select “Detail” from pop out dialog. Next, click “Delete this item”.
Precondition:	Claimant selected claim list’s status should be “In progress” or “Returned”. In addition, it should have exist item in item list for this claim.
Postcondition:	On success, item deleted.
Basic Flow: 1. System prompts user to choose from “Claimant” or “Approver”. 2. User choose “Claimant”. 3. System listing the claim, prompting for a selection. 4. Claimant browse and select a claim. 5. System prompt dialog with a list of option. 6. Claimant select “Item List”. 7. System listing the expense item list. 8. Claimant browse and select an expense item. 9. System prompts dialog with a list of option. 10. Claimant select “Detail”. 11. System display the detail of this expense item. 12. Claimant click on “Delete this item”. Exception: 4. If there is no claim in the list, system return to add claim. 8. If there is no expense item in the list, system return to add expense item. 12. If this expense item is not belong to the claim which status is “In progress” or “Returned”, display error message “This expense item cannot be deleted”.	

US05.01.01

Use Case Name:	ExpenseItemList
Participating actors:	Claimant
Goal:	List all the expense item for a claim with their date, category, description, amount, currency, whether there is a photographic receipt, and incompleteness indicator.
Trigger:	Claimant long click one claim and choose “Item List” from pop out dialog.
Precondition:	Entry of an expense item to have minimal required navigation in the user interface. In addition, there must have claim and expense item.
Postcondition:	On success, expense list with all expense items’ date, category, description, amount, currency, whether there is a photographic receipt, and incompleteness indicator.
Basic Flow: 1. System prompts user to choose from “Claimant” or “Approver”. 2. User choose “Claimant”. 3. System listing the claim, prompting for a selection. 4. Claimant browse and select a claim. 5. System prompt dialog with a list of option. 6. Claimant select “Item List”. 7. System listing the expense item list with each item’s information. Exception: 4. If there is no claim in the list, system return to add claim. 7. If there is no expense item in the list, then UI is blanket.	