PROJECT: EXPENSIFY

IT314 – SOFTWARE ENGINEERING GROUP 26

TASK: SYSTEM TESTING (BUDGET & DOWNLOAD)



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GROUP MEMBERS:

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BLACKBOX TESTING

1) Create or Update Budget:

- Budget Name :
 - Budget Name cannot be empty
- Budget Amount :
 - Budget Amount cannot be empty
 - Budget Amount does not contain any space
 - Budget amount has only numerical value

> Equivalence class:

Equivalence class	Name	Amount	Result
E1	valid	valid	success
E2	invalid	valid	error
E3	valid	invalid	error
E4	invalid	valid	error

> Boundary value analysis:

Budget Name	Budget Amount	Expected Output	Actual Output	Reason for Outcome
	1000	Fail	Error : Button is locked	Name Constraint
ABC	1	Fail	Error : Button is locked	Amount Constraint
XYZ	ABC	Fail	Error : Button is locked	Amount Constraint
ABC	50 00	Fail	Error : Button is locked	Amount Constraint
ABY	5678	Pass	Pass	Success

2) Add New Expense:

Expense Name:

• Expense Name cannot be empty

Expense Amount:

- Expense Amount cannot be empty
- Expense Amount does not contain any space
- Expense Amount has only numerical value

> Equivalence class:

Equivalence class	Name	Amount	Result
E1	valid	valid	success
E2	invalid	valid	error
E3	valid	invalid	error
E4	invalid	invalid	error

> Boundary value analysis:

Expense Name	Expense Amount	Expect Output	Actual Output	Reason for Outcome
	1000	Fail	Error : Button is locked	Name Constraint
ABC	1	Fail	Error : Button is locked	Amount Constraint
ABC	XYZ	Fail	Error : Button is locked	Amount Constraint
ABC	50 00	Fail	Error : Button is locked	Amount constraint
ABC	5678	Pass	Pass	Success

3) Download:

Start date:

- Start date must be chosen
- Start date must be less or Equal to End date

End date:

• End date must be chosen

> Equivalence class:

Equivalence class	Name	Amount	Result
E1	valid	valid	success
E2	invalid	valid	error
E3	valid	invalid	error
E4	invalid	invalid	error

> Boundary value analysis:

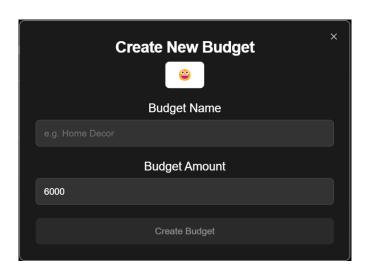
Start Date	End Date	Expect Output	Actual Output	Reason for Outcome
	-	Fail	Error : Please select both dates	Did not choose both
2-12-2024		Fail	Error : Please select both dates	Did not choose both
	2-12-2024	Fail	Error : Please select both dates	Did not choose both
2-12-2024	1-12-2024	Fail	Error : StartDate <= Enddate	Date Constraint
1-12-2024	2-12-2024	Pass	Pass	Success

ACCEPTENCE TESTING

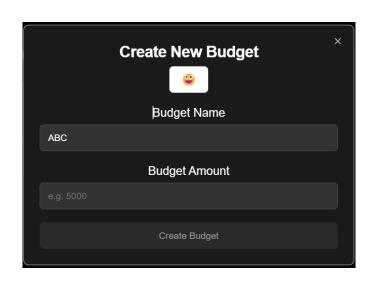
I. Create or Update Budget:

1)

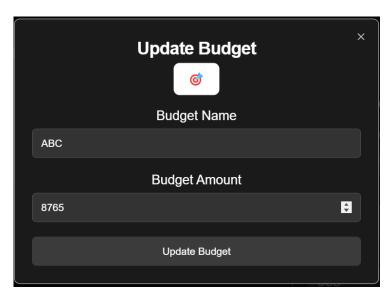
Budget Name	Budget Amount	Expect Output	Actual Output	Reason for Outcome
	6000	Fail	Error : Button is locked	Name Constraint



Budget Name	Budget Amount	Expect Output	Actual Output	Reason for Outcome
ABC		Fail	Error : Button is locked	Amount Constraint

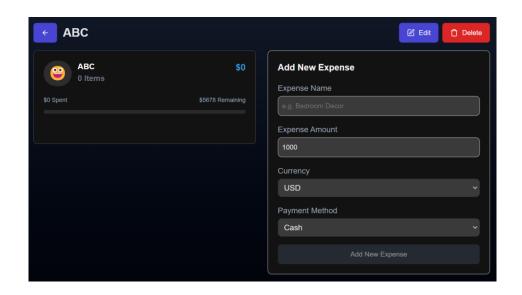


Budget Name	Budget Amount	Expect Output	Actual Output	Reason for Outcome
ABC	8765	Pass	Pass	Success

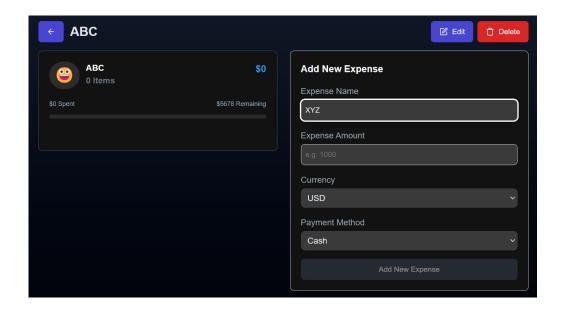


II. Add New Expense:

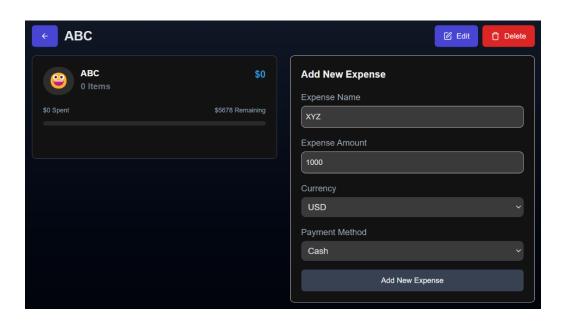
Expense Name	Expense Amount	Expect Output	Actual Output	Reason for Outcome
	1000	Fail	Error : Button is locked	Name Constraint



Expense Name	Expense Amount	Expect Output	Actual Output	Reason for Outcome
XYZ		Fail	Error : Button is locked	Amount Constraint



Expense Name	Expense Amount	Expect Output	Actual Output	Reason for Outcome
XYZ	1000	Pass	Pass	Success



III. DOWNLOAD REPORT

1)

Start Date	End Date	Expect Output	Actual Output	Reason for Outcome
2-12-2024	1-12-2024	Fail	Error : StartDate <= Enddate	Date Constraint

Download Expense Report					
	02-12-2024	01-12-2024			
	Downlo	oad PDF			
Latest Expenses					
		Start date should be less than or equal to date.	o the end		

Start Date	End Date	Expect Output	Actual Output	Reason for Outcome
2-12-2024	-	Fail	Error : Please select both dates	Did not choose both

Download Expense Report					
	02-12-2024	dd-m	т-уууу 🗀		
	Do	ownload PDF			
Latest Expenses					
			Q PI	lease select both start and end dates.	

Start Date	End Date	Expect Output	Actual Output	Reason for Outcome
1-12-2024	2-12-2024	Pass	Pass	Success

