PALOMPON INSTITUTE OF TECHNOLOGY

COLLEGE OF TECHNOLOGY AND ENGINEERING

INFORMATION TECHNOLOGY DEPARTMENT

PROJECT DOCUMENTATION OF

STUDENT ALLOWANCE EXPENSES TRACKER

A requirement for the subject IT111-Web Programming

Submitted to:

Prof. Rogelio Urboda Jr.

Subject Instructor

Submitted by:
Larido, Michael John
Bianzon, Sean Benedict
Terrado, Jaylo
Gonzaga, Jessa
Dangel, Jenevieve
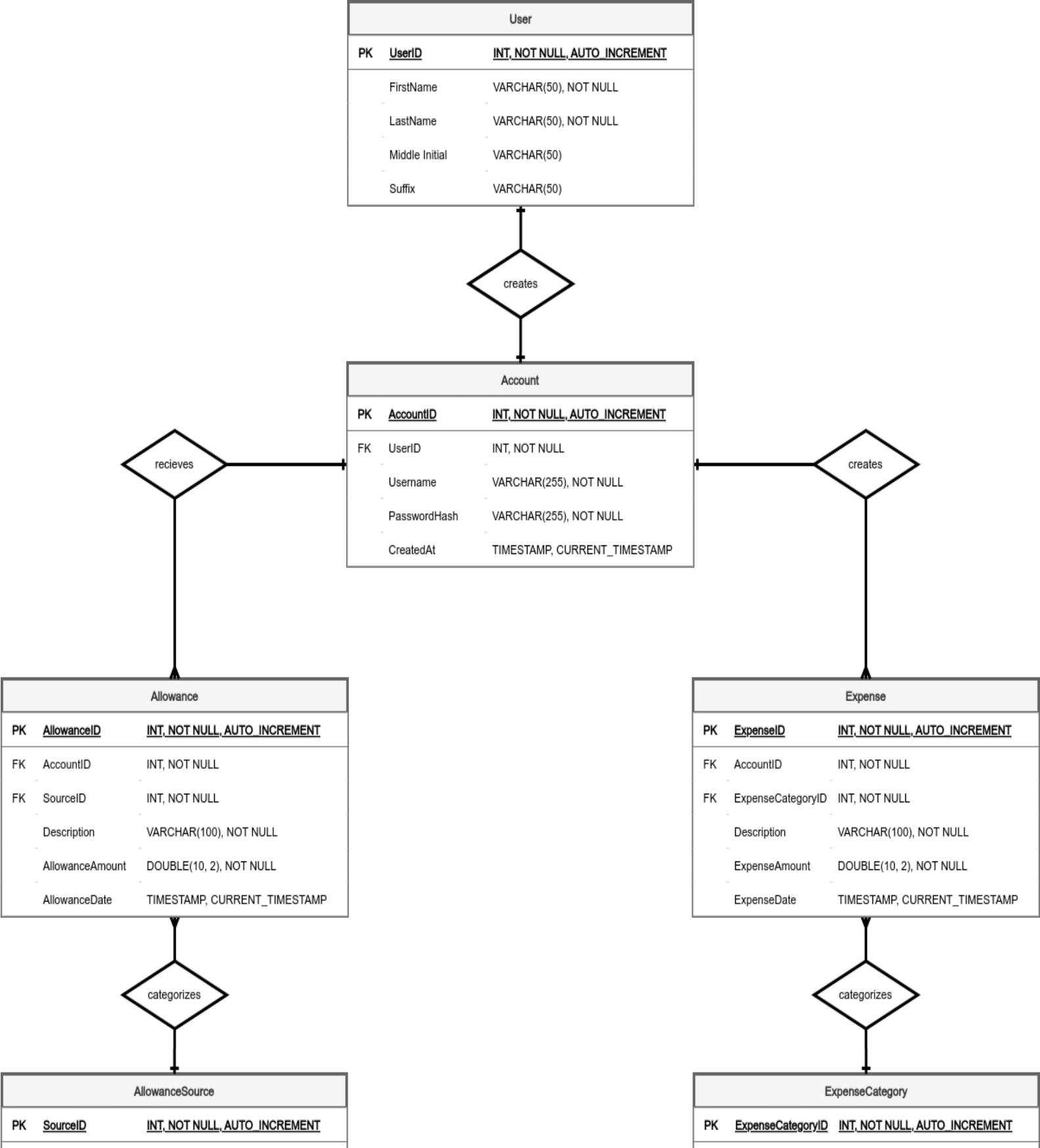**Alcuetas, Nicole**

2024

Project Plan

Objectives:

Develop a system to track and manage student allowance expenses efficiently, with features for budgeting, spending tracking, and generating reports.
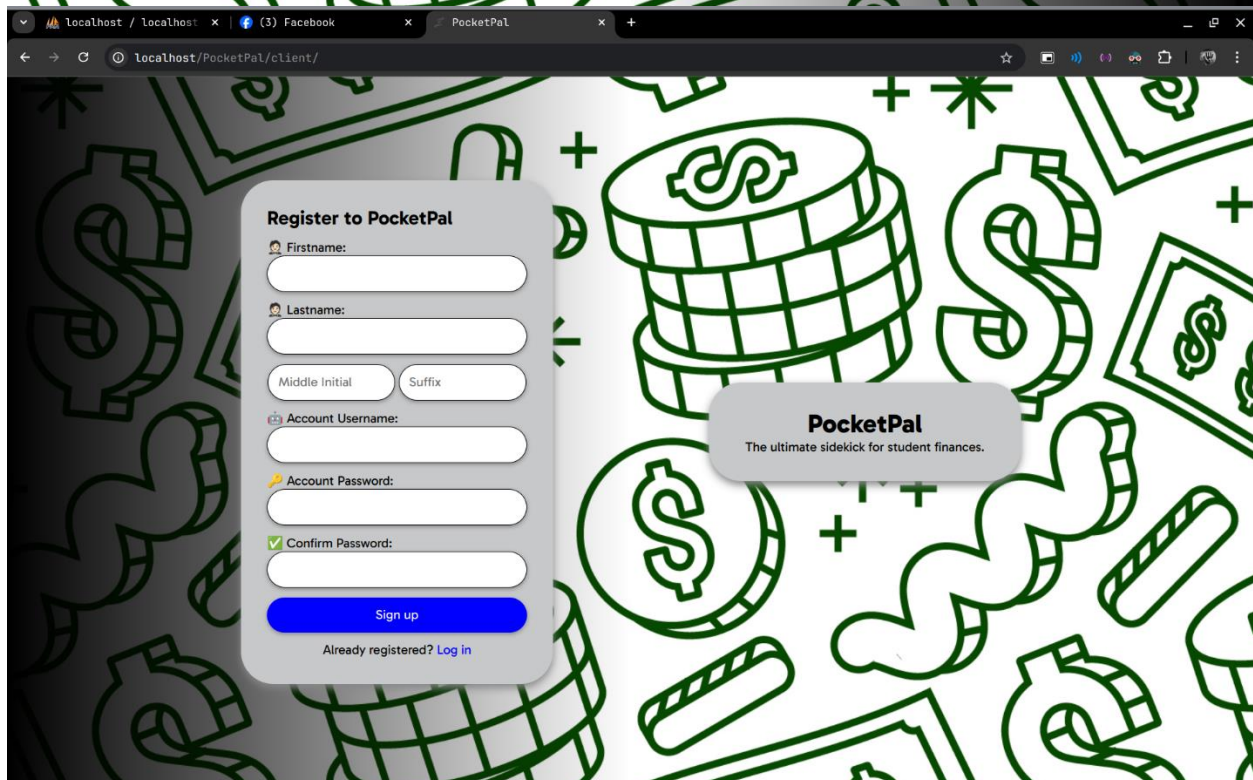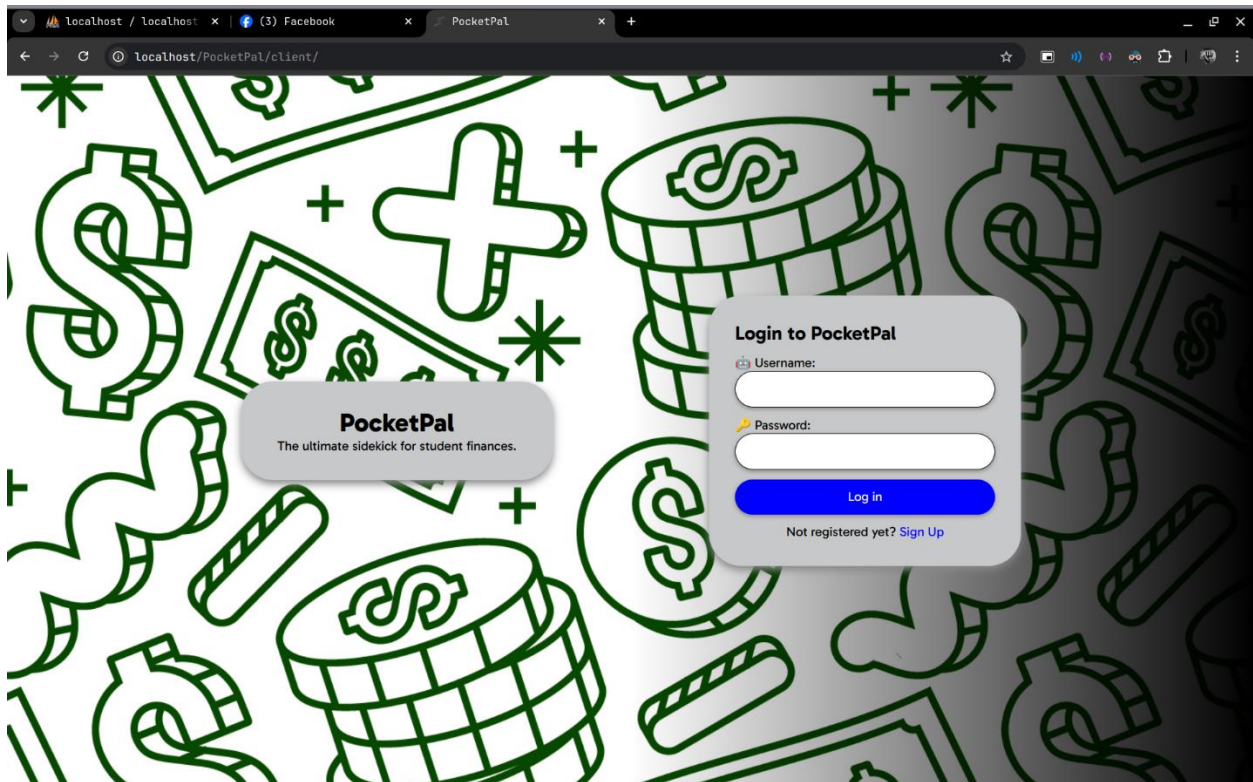
Task Name	Duration	Start	Finish	Resource Name	%Complete	Description
Create Entity Relationship Diagram	1 day	Wed 11/20/24	Wed 11/20/24	Larido, Bianzon	100%	Initial ER diagram creation to represent system entities.
Review and Finalize ER Diagram	1 day	Thu 11/21/24	Thu 11/21/24	Bianzon, Alcuetas, Terrado, Larido, Dangel, Gonzaga	100%	Group review and final adjustments of the ER diagram.
Brainstorming of Features for System	1 day	Thu 11/28/24	Thu 11/28/24	Bianzon, Alcuetas, Terrado, Larido, Dangel, Gonzaga	100%	Brainstorming session to identify essential features
Review and Finalize of Features for System	1 day	Thu 11/28/24	Thu 11/28/24	Bianzon, Alcuetas, Terrado, Larido, Dangel, Gonzaga	100%	Finalizing system features based on brainstorming.
Assigning the Roles of Members	1 day	Fri 11/29/24	Fri 11/29/24	Larido	100%	Define roles and responsibilities of each team member.
Create Mock-UP Design for UI	3 days	Fri 11/29/24	Tue 12/3/24	Gonzaga, Dangel	100%	Create UI mockups that visualize the

						system interface.
Adjusting the ER Diagram	1 day	Tue 12/3/24	Tue 12/3/24	Bianzon, Larido	100%	Add new "Account" entity to the ER diagram.
Develop and Integrate Design	4 days	Tue 12/3/24	Fri 12/6/24	Bianzon, Larido	100%	Integrate and develop the system's front-end and back-end design
Create Back-end for System	4 days	Fri 12/6/24	Wed 12/11/24	Bianzon, Larido	100%	Development of the back-end functionality and database
Draft Testing of System Fuctionalities	3 days	Wed 12/11/24	Fri 12/13/24	Bianzon, Alcuetas, Terrado, Larido, Dangel, Gonzaga	100%	Conduct initial testing to validate system functionalities.
Finalization for System and Documentation	2 days	Fri 12/13/24	Mon 12/16/24	Bianzon, Terrado, Alcuetas	100%	Finalize the system and prepare documentation for deployment.

Entity Relationship Diagram

User

PK	UserID	INT, NOT NULL, AUTO_INCREMENT
	FirstName	VARCHAR(50), NOT NULL
	LastName	VARCHAR(50), NOT NULL
	Middle Initial	VARCHAR(50)
	Suffix	VARCHAR(50)

creates

Account

PK	AccountID	INT, NOT NULL, AUTO_INCREMENT
FK	UserID	INT, NOT NULL
	Username	VARCHAR(255), NOT NULL
	PasswordHash	VARCHAR(255), NOT NULL
	CreatedAt	TIMESTAMP, CURRENT_TIMESTAMP

recieves

creates

Allowance

PK	AllowanceID	INT, NOT NULL, AUTO_INCREMENT
FK	AccountID	INT, NOT NULL
FK	SourceID	INT, NOT NULL
	Description	VARCHAR(100), NOT NULL
	AllowanceAmount	DOUBLE(10, 2), NOT NULL
	AllowanceDate	TIMESTAMP, CURRENT_TIMESTAMP

Expense

PK	ExpenseID	INT, NOT NULL, AUTO_INCREMENT
FK	AccountID	INT, NOT NULL
FK	ExpenseCategoryID	INT, NOT NULL
	Description	VARCHAR(100), NOT NULL
	ExpenseAmount	DOUBLE(10, 2), NOT NULL
	ExpenseDate	TIMESTAMP, CURRENT_TIMESTAMP

categorizes

categorizes

AllowanceSource

PK	SourceID	INT, NOT NULL, AUTO_INCREMENT

ExpenseCategory

PK	ExpenseCategoryID	INT, NOT NULL, AUTO_INCREMENT

CRUD Pages Screenshots

PocketPal

The ultimate sidekick for student finances.

Login to PocketPal

👤 Username:

🔑 Password:

Log in

Not registered yet? Sign Up

Register to PocketPal

👤 Firstname:

👤 Lastname:

Middle Initial   Suffix

👤 Account Username:

🔑 Account Password:

✅ Confirm Password:

Sign up

Already registered? Log in

PocketPal

The ultimate sidekick for student finances.

PocketPal

- 🏠 Home
- 📋 Expenses
- 🟡 Allowance
- 📒 Financial History

🎉 **Welcome, Michael John!!**
Your financial overview for this month.

Allowance Remaining 🪙
₱ 12,260.00
81.73% of monthly allowance

Total Expenses 💲
₱ 2,740.00
18.27% of monthly allowance

Today's summary ▭
₱ 0.00
0 Transactions

Recent Expenses

Plete pabalik Matag-ob Transportation | December 11, 2024 @ 07:18 PM	**₱ 100.00**
Plete padung Palompon Transportation | December 11, 2024 @ 07:16 PM	**₱ 100.00**
Bayad iskol Tuition and Fees | December 10, 2024 @ 07:12 PM	**₱ 2,500.00**
Crispy King Food | December 10, 2024 @ 05:50 PM	**₱ 40.00**

❌ Log Out

PocketPal

- 🏠 Home
- 📋 Expenses
- 🟡 Allowance
- 📒 Financial History

🕐 **Financial History**
Your complete financial snapshot.

December 2024 📅 | **Activate Filter**

Total Allowance 📊
₱ 15,000.00

Total Expenses 💲
₱ 2,740.00
18.27% of monthly allowance

You saved 🪙
₱ 12,260.00
81.73% of monthly allowance

Top 5 Expenses

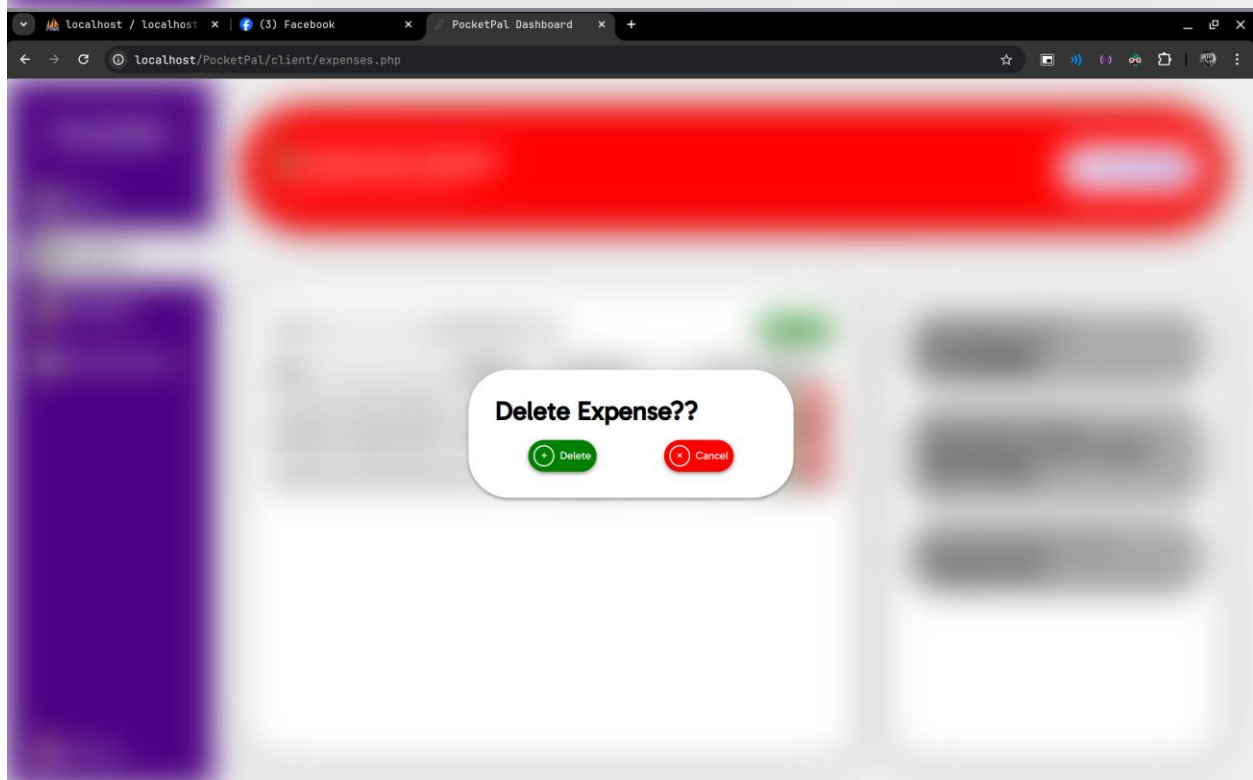|	
Bayad iskol Tuition and Fees | December 10, 2024 @ 07:12 PM	**₱ 2,500.00**
Plete padung Palompon Transportation | December 11, 2024 @ 07:16 PM	**₱ 100.00**
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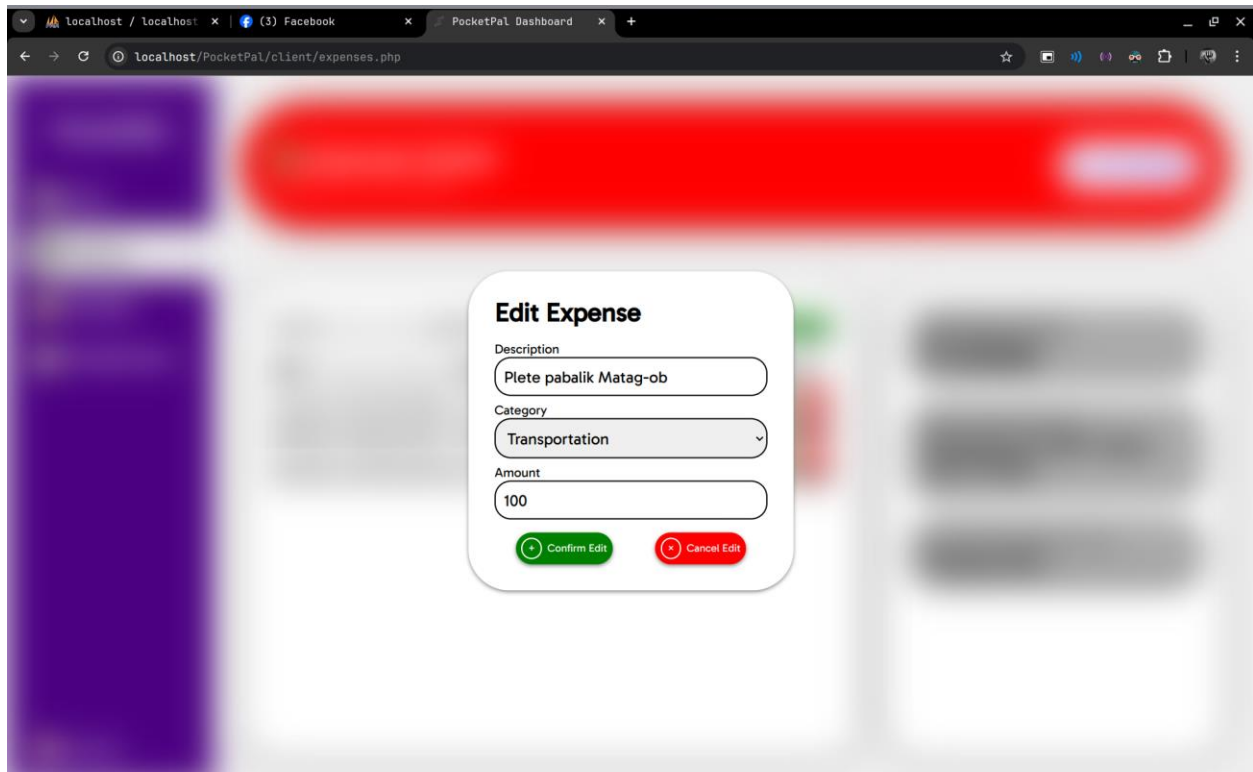
❌ Log Out

localhost/PocketPal/client/expenses.php

Edit Expense

Description

Plete pabalik Matag-ob

Category

Transportation

Amount

100

(+) Confirm Edit   (×) Cancel Edit

localhost/PocketPal/client/expenses.php

Delete Expense??

(+) Delete   (×) Cancel

PocketPal

- 🏠 Home
- ⬛ Expenses
- 🪙 Allowance
- 📒 Financial History

❌ Log Out

💸 Expenses Tracker
Manage and track your spending.

⊕ Add Expense

All Items	December 2024 📅			Activate Filter

Date	Category	Description	Amount	Action
December 11, 2024 @ 07:18 PM	Transportation	Plete pabalik Matag-ob	₱ 100	Edit Delete
December 11, 2024 @ 07:16 PM	Transportation	Plete padung Palompon	₱ 100	Edit Delete
December 10, 2024 @ 07:12 PM	Tuition and Fees	Bayad iskol	₱ 2500	Edit Delete
December 10, 2024 @ 05:50 PM	Food	Crispy King	₱ 40	Edit Delete

Total Expenses (All Time)
₱ 2,740.00

Highest Expense (All Time)
December 10, 2024 | Bayad iskol | ₱ 2500

Top Expense Category (All Time)
Transportation

Add Expense

Description

Category

Tuition and Fees

Amount

⊕ Confirm Expense   ⊗ Cancel Expense

Edit Allowance

Description

Hatag in Mama

Category

Tuition and Fees

Amount

15000

⊕ Confirm Edit   ⊗ Cancel Edit

Delete Allowance??

⊕ Delete   ⊗ Cancel

Add Allowance

Description

Category

Family Support

Amount

(✓) Confirm Allowance   (✗) Cancel Allowance

PocketPal

- 🏠 Home
- 📋 Expenses
- ⚪ Allowance
- 📒 Financial History

❌ Log Out

🧧 **Allowance Tracker**
Manage and track your personal allowance.

(+) Add Allowance

| All Items ▾ | December 2024 📅 | | | Activate Filter |

Date	Category	Description	Amount	Action
December 10, 2024 @ 05:50 PM	Family Support	Hatag in Mama	₱ 15000	Edit Delete

Total Allowance (All Time)
₱ 15,000.00

Highest Allowance (All Time)
December 10, 2024 | Hatag in Mama | ₱ 15000

Top Allowance Source (All Time)
Family Support