

Department Of Electrical And Computer Engineering

Project Proposal

Course: Cse482

Faculty: Nqh

Section: 1

Group No: 2

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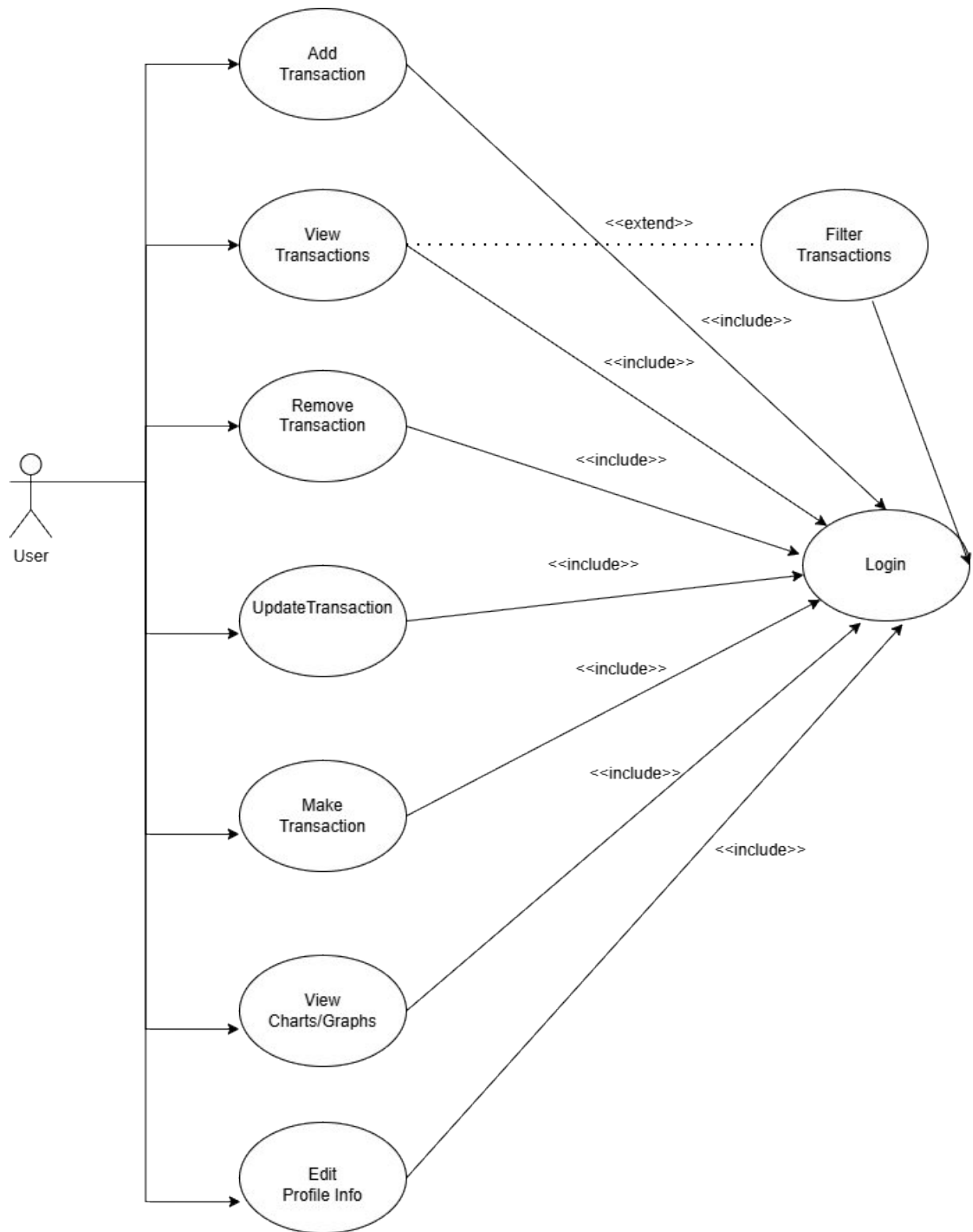
Project Title: Personal Expense Tracker

Objective: To develop a web-based Personal Expense Tracker that allows users to record, categorize, and analyze their daily expenses for better financial management and budgeting.

Proposed Solution Overview: The proposed solution is a web-based application that helps users manage their finances by tracking income and expenses. It provides an intuitive interface for adding transactions, categorizing spending, and generating visual reports to analyze financial patterns and support better budgeting decisions. And even allows the user to pay bills using the stripe payment gateway.

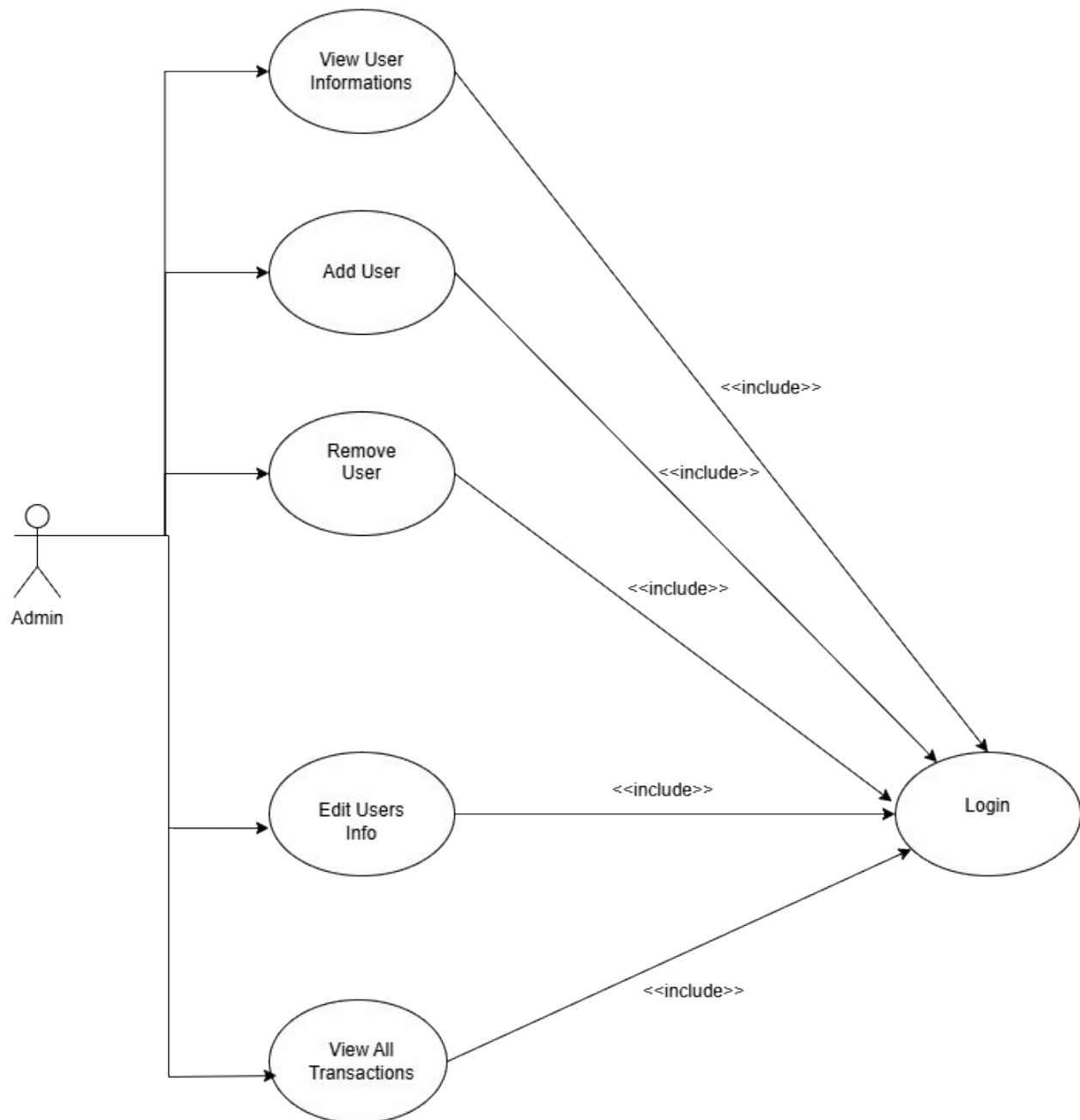
Target Users / System Users: The system is designed for individuals who want to monitor and manage their personal finances efficiently. It caters to students, working professionals, and anyone seeking better control over their spending and budgeting. Administrators or developers may also access the system for maintenance and performance monitoring.

User's Usecase Diagram:



Admin's Usecase Diagram:

Admin's Usecase Diagram



User Stories:

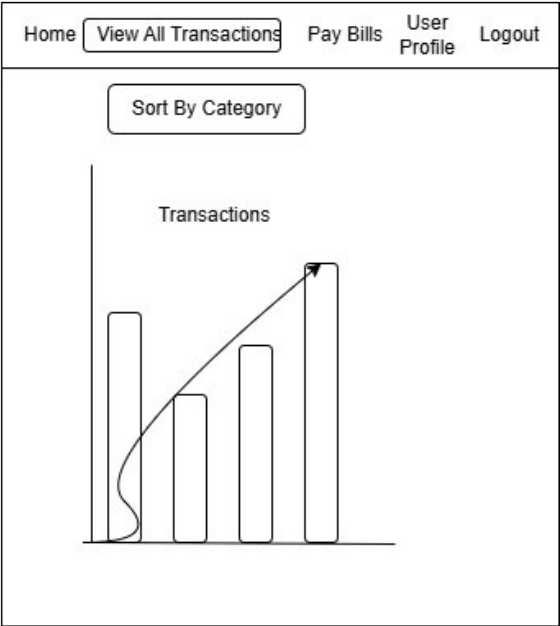
1. **Users** will be able to **create an account and log in** so that they can securely access their personal expense data.
2. **Users**, can **add daily income and expenses** so they can keep track of their financial activities.
3. **Users**, can **categorize their transactions** (e.g., food, transport, bills) so that they can understand where their money is going.
4. **User**, can **edit or delete a transaction information** in case if they make a mistake while entering any transactional data as part of the transaction history for the app to store.
5. **Users**, can **view a summary of their spending** in charts or reports so that they can visualize their financial patterns.
6. **Admin**, can **monitor transactions, user activities, and information** as well as they can also **add or remove any user**.

Interface Sketch/Wireframe:

HomePage Layout

Logo	Login Button	Contact Us
Hero Section		
Contact Us Form		
footer		

UserDashboard Layout



Admin Dashboard

Home	View All Users	View All Transactions	Logout
	User 1	Edit Info	Remove
	User 1	Edit Info	Remove
	User 2	Edit Info	Remove

Technology Stack:

1. Php
2. Mysql
3. Ajax(Jquery)
4. Bootstrap
5. Chart.js
6. Stripe(Payment Gateway)