

**CSCI 5308 - Adv Topics in Software  
Development**

# **FINTRACK**

## **Group - 7**

**Team Members:**

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**Client Team: Group - 20**

# Summary

- **A progressive web application**
- **Assist users in managing their personal finances**
- **Allows users to customize their expense categories**
- **Also Tracks users' multiple bank accounts on different expense categories**
- **The account transactions are fetched from a Mock API working as a Bank.**

# Dashboard

Himanshu	Emayan
Income module and Unit tests (BE) Account module and Unit tests (BE) Authentication module and Unit tests (BE) Bank Mock API (BE) CI Pipeline (BE)	Expense module and Unit tests (BE) Category module and Unit tests (BE) Integration Tests (BE) <ul style="list-style-type: none"><li>• Account Module</li><li>• Income Module</li></ul>
Preetha	Umang
Account module (FE) Dashboard module (FE) Expense module (FE) Integration Tests (BE) <ul style="list-style-type: none"><li>• Expense Module</li><li>• Category Module</li></ul>	Authentication module (FE) Income module (FE) Expense module (BE) Category module (FE) Refactoring (BE)



# Demo

# Project Status

GOALS	STATUS
User Authentication	ACHIEVED
Feature to add User Accounts, Incomes, Expenses, Categories	ACHIEVED
Visualizing Expenses	ACHIEVED
Mock Bank API (Implemented from Mid-Term review)	ACHIEVED
Integration Tests	ACHIEVED
CI Pipeline	ACHIEVED

# Learnings from the project

- ✓ Handling merge conflicts
- ✓ Clean Coding practices
- ✓ Importance of Refactoring
- ✓ Effectiveness of design principles
- ✓ Code smells
- ✓ Robustness of TDD
- ✓ Collaborative working with client team



# Thank You