



< All problem statements

## Fintech

# Simplifying Small Business Payments

## Summary

Build an application that enables small businesses to manage their payments efficiently. This app should allow business owners to create profiles for each of their clients, track payment transactions, and receive real-time alerts for unpaid invoices.

## Requirements

1. Business owners should be able to set up profiles for their clients.
2. Create a system that prevents multiple payments for the same invoice and tracks unpaid invoices.
3. Develop a user-friendly platform for easy access and efficient payment management.

## Suggested Approach

### Day 1 - 2: Conceptualization & Design

#### Product Manager & Product Designer:

- Define user flows for setting up client profiles and managing payments.
- Design a user-friendly platform ensuring easy navigation and efficient payment management.

### Day 3 - 4: Development & Testing

#### Frontend:

- Develop an intuitive and accessible user interface for business owners.
- Implement features for setting up client profiles and managing payments.

#### Backend:

- Create a secure backend system to prevent multiple payments for the same invoice.
- Integrate a tracking mechanism for unpaid invoices.

### Day 5 - 6: Refinement, User Feedback Integration, & Presentation

#### All Team Members:

- Integrate user feedback mechanisms for usability enhancements.
- Conduct extensive testing for reliability and ease of use.

- Finalize the application, focusing on simplicity, accuracy, and user satisfaction.

#### **Prepare a Presentation:**

- Showcase the application's capabilities, emphasizing its potential to streamline payment management for small businesses.

## Other Problem Statements

### **AI/ML**

#### **Talk to Santa Claus**

Bring the magic of Christmas to life by developing an AI where children can converse with Santa Claus. This enchanting project is about creating joyous and safe interactions and making holiday wishes come true

### **AI/ML**

#### **Realtime Translation of Voice Calls**

Embark on a journey to break language barriers. Create a real-time voice translation app that connects people across the globe, enabling them to converse in their native languages effortlessly and

### **AI/ML**

#### **Real-Time Air Quality**

Design a real-time air quality dashboard that shows the air quality of any region worldwide, empowering users to take action.

through innovative  
voice technology.

expanding the  
horizons of  
communication.

## AI/ML

### Precision Farming for Best Product Results with Data

Build a solution that predicts the best time to plant and harvest crops, taking into account local weather conditions and soil quality. This solution will help farmers improve their yields.

## AI/ML

## Health

### Medication Adherence Improved with Digital Solutions

Develop a digital solution to improve medication adherence for chronic patients. The solution should empower healthcare professionals and patients to manage medication regimens effectively.

## AI/ML

## EdTech

### Intelligent Learning Connections

Build an AI-powered application that uses a collaborative learning matching system designed to enhance collaborative learning experiences by intelligently pairing learners based on their performance metrics.

## AI/ML

### **Instant Customer Support for Business Websites**

Imagine revolutionizing customer service with an AI-powered chat agent that intuitively understands and responds to various customer needs, 24/7. This is your chance to shape the future of customer interaction, enhancing business efficiency and client satisfaction.

### **Farmer Supporter**

Make a significant impact on the agricultural sector by developing a website that assists farmers in making informed decisions. This project focuses on leveraging AI to provide expert advice on crop management, market insights, and real-time problem-solving.

### **Enabling Conversations with a Persona for Illiterates**

Dive into the world of AI to create a voice chatbot that bridges the digital divide for illiterates. Your challenge is to craft an intelligent and empathetic digital companion that can converse naturally, offering a seamless and confidential communication experience.

## **Fintech**

### **Effortless Cross-Border Financial Transfers**

Build an application that enables users to

## **AI/ML**

### **Conversing with an E- commerce Store Database**

Transform how businesses interact with data

## **E- Commerce**

### **Advance Marketing growth with Business data insights**

initiate cross-border money transfers with ease. The app should offer real-time exchange rate information, low transaction fees, and quick delivery of funds.

by building a system where non-tech savvy users can query an e-commerce database using simple, everyday language. This challenge is all about bridging the gap between complex data management and intuitive user experience.

Create an application that allows e-commerce sellers to analyze customer behaviour, track sales performance, and tailor their marketing efforts based on real-time insights. This application should provide clear, actionable data for marketing optimization.

## Health

### **AI-Powered Symptom and Diagnosis Guidance**

Build an application that allows patients to describe their symptoms and receive preliminary medical advice from an AI-powered chatbot.

This app should offer quick responses and help users decide if they need to seek in-person medical care.