



< All problem statements

## Health

# Medication Adherence Improved with Digital Solutions

## Summary

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

## Requirements

1. Patients should be able to enter their medication details and set up reminders.
2. Create a simple system to track if patients are taking their meds on time.
3. Design a basic backend for managing patient data.

4. Make it easy for healthcare providers to access basic adherence reports.

## **Suggested Approach**

### **Day 1 - 2: Conceptualization & Design**

#### **Frontend:**

- Design a user-friendly interface for patients to input medication details and set reminders.
- Create an intuitive system for patients to track medication adherence.

#### **Backend:**

- Develop a basic backend system to manage patient data, storing medication details and adherence information.

#### **Product Manager & Product Designer:**

- Define the user flow, ensuring ease of use for patients and healthcare providers.
- Plan features for healthcare providers to access basic adherence reports.

### **Day 3 - 4: Development & Testing**

#### **Frontend:**

- Implement the designed interface for patients, ensuring seamless interaction.
- Integrate reminders and medication tracking functionalities.

#### **Backend:**

- Build a secure and scalable backend system for efficient data management.

**Product Manager:**

- Test the user interface and functionalities to ensure a positive user experience.

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

**Frontend:**

- Refine the patient interface based on user feedback, focusing on usability.

**Backend:**

- Optimize the backend for improved performance and data security.

**Product Manager & Product Designer:**

- Integrate feedback mechanisms for patients and healthcare providers.
- Prepare a presentation showcasing the solution's features, emphasizing patient empowerment and healthcare professional access to adherence reports.

## 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 through innovative voice technology.

## Fintech

### Simplifying Small Business Payments

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.

## 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 expanding the horizons of communication.

## AI/ML

### Real-Time Air Quality

Design a real-time air quality dashboard that shows the air quality of any region worldwide,

## AI/ML

### Precision Farming for Best Product Results with Data

Build a solution that predicts the best time to plant and harvest crops,

## EdTech

### Intelligent Learning Connections

Build an AI-powered application that uses a collaborative learning matching

empowering users  
to take action.

taking into  
account local  
weather  
conditions and soil  
quality. This  
solution will help  
farmers improve  
their yields.

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

## AI/ML

### 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.

## AI/ML

### 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.

and client  
satisfaction.

Fintech	AI/ML	E-Commerce
<p data-bbox="204 583 418 751"><b>Effortless Cross-Border Financial Transfers</b></p> <p data-bbox="204 783 440 1392">Build an application that enables users to initiate cross-border money transfers with ease. The app should offer real-time exchange rate information, low transaction fees, and quick delivery of funds.</p>	<p data-bbox="678 583 927 751"><b>Conversing with an E- commerce Store Database</b></p> <p data-bbox="678 783 938 1633">Transform how businesses interact with data 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.</p>	<p data-bbox="1149 636 1382 856"><b>Advance Marketing growth with Business data insights</b></p> <p data-bbox="1149 888 1409 1726">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.</p>

## 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.