



PARSECRIPTION

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Problem Statement

Track-Healthcare Innovation

Healthcare management often poses challenges for individuals in understanding and managing their medical data, prescriptions, and adherence to medication plans. For Example, elderly people often struggle to keep track of their numerous medications.

Parsecription aims to address these challenges by providing a comprehensive healthcare service that empowers users with insights into their medical reports, medication information extraction, and effective health monitoring.

Features

1. Medical Report Explanation

Parsecription excels in explaining medical reports, helping users comprehend their pathological data with ease.

2. Medicine Information Extraction

The platform efficiently extracts medication information from prescriptions, ensuring users have a clear understanding of their prescribed medicines.

3. Medication Reminders

Parsecription provides timely alarms to remind users to take their prescribed medications, enhancing adherence to medical plans.

Features

4. Physiological Data Extraction

The platform extracts crucial physiological data, including Blood Pressure, Pulse Rate, Blood Sugar, Height, and Weight. It then presents users with visualizations of historical data over time for better health monitoring.

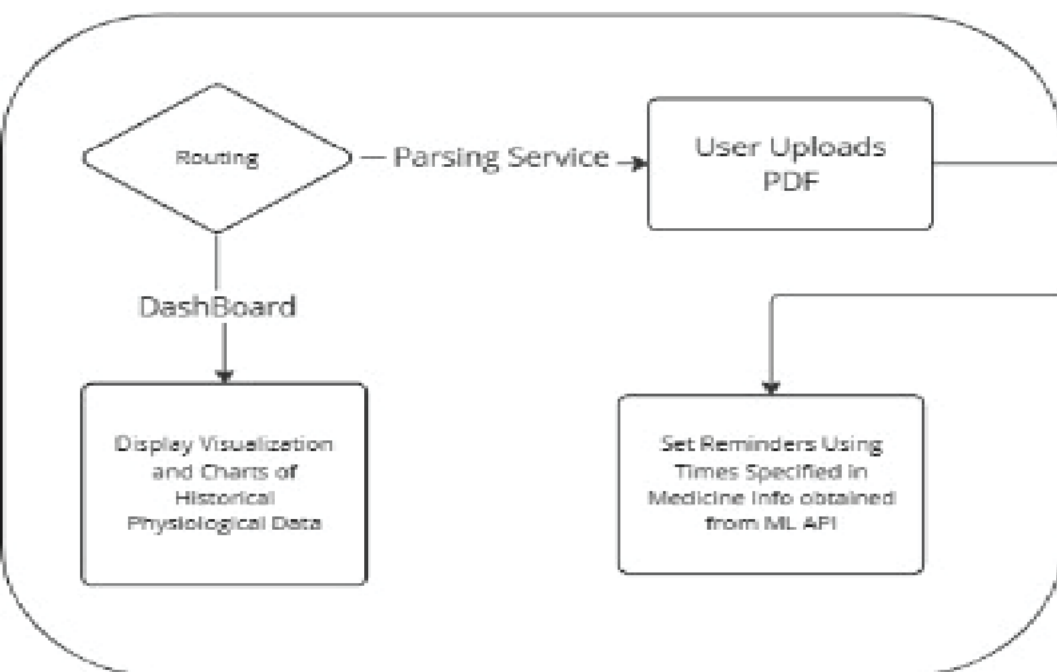
5. Syntax-Agnostic Parsing

Thanks to the power of OpenAI GPT-3.5 Function Calling, Parsecription offers syntax-agnostic parsing of medicine data, eliminating the need for users to adhere to specific prescription formats.

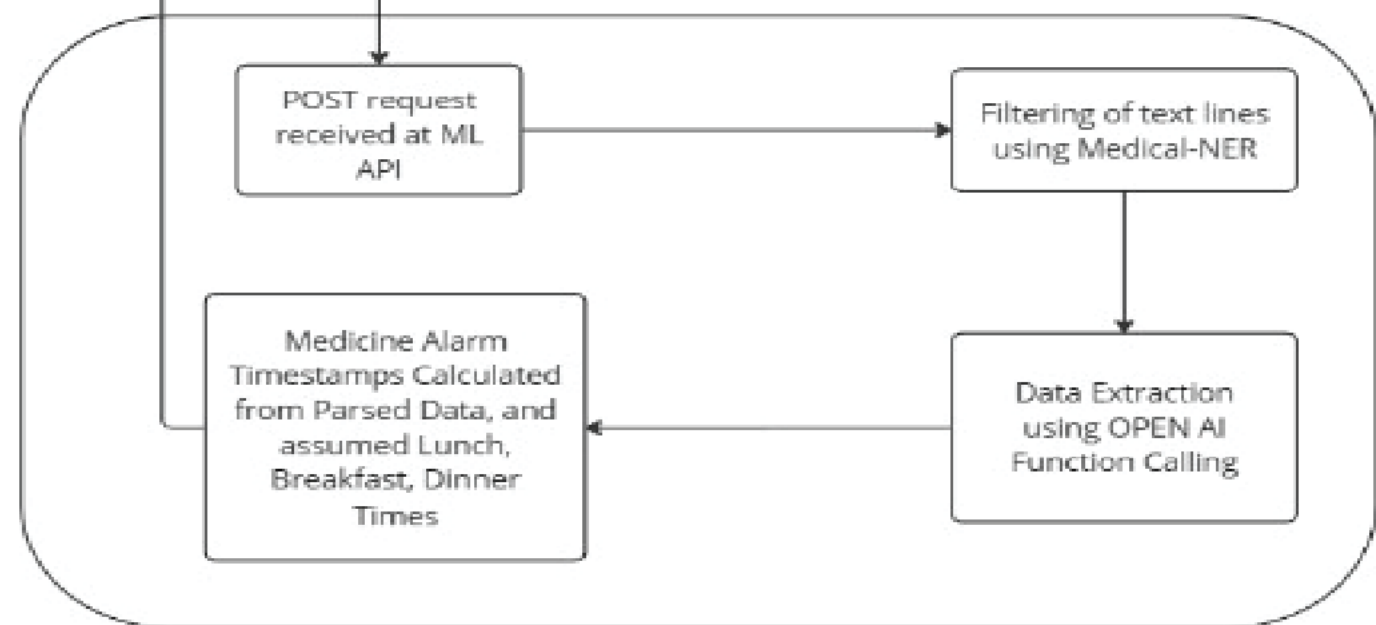
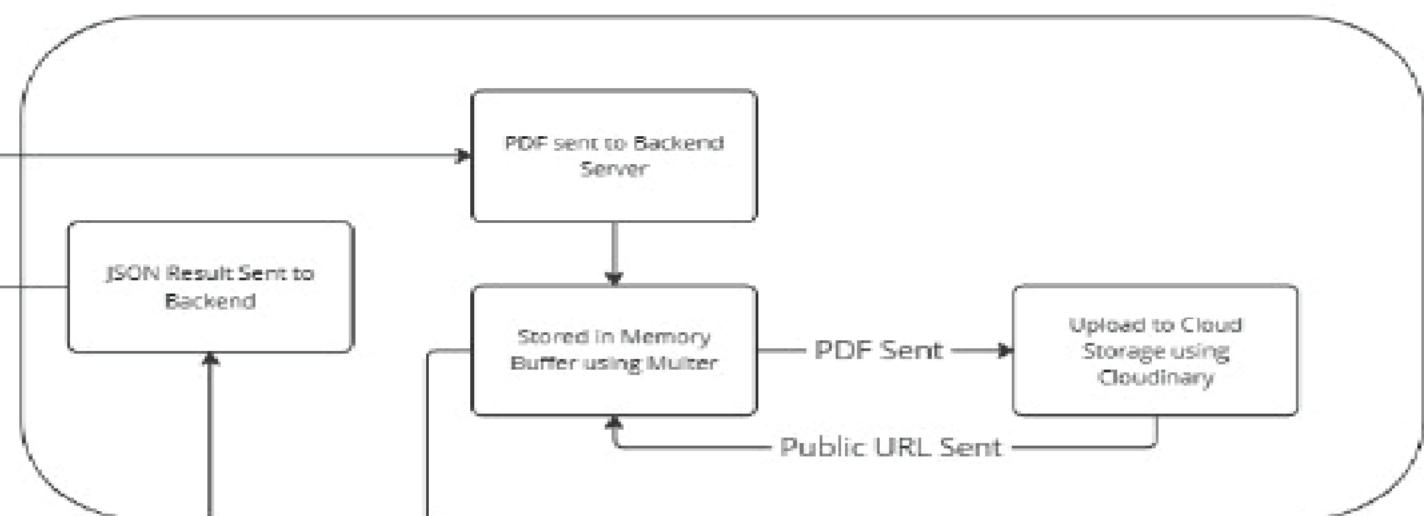
6. Current Compatibility

The platform currently supports typed prescriptions and images or scans of typed prescriptions.

FRONTEND



BACKEND



Features under Progress

● Handwritten Prescription parsing

Parsecription is actively working on supporting handwritten prescriptions using text-detection and vision transformers for Optical Character Recognition (OCR).

● Calender API

The platform is in the process of integrating the Google Calendar API to seamlessly incorporate medication schedules into users' calendars.