

Dept. of Computer Science and Engineering (Data Science)

Adichunchanagiri Institute of Technology, Chikkamagaluru

Mini-Project Synopsis

TITLE: Medialert – Smart Pill Reminder (Web Application)

Problem Statement: To design reliable and user-friendly web-based system is needed to provide timely reminders and maintain proper medication adherence.

Description: Medialert is a smart pill reminder developed as a web application. Users can log in and add medication schedules, including medicine name, dosage, and timing. At the scheduled time, the system sends reminders via browser notifications, emails, or SMS alerts. The system maintains a record of taken and missed medicines, which can be reviewed by the patient or caregiver. This ensures proper medication adherence and helps in better healthcare management.

Expected Outcomes:

- Web-based system accessible from any device with internet.
- Timely medicine reminders through notifications/email/SMS.
- Tracking of medication history.
- Reduced chances of missed or incorrect doses.
- Improved health management for patients.

Technologies and Tools:

- Frontend: HTML, CSS, JavaScript
- Backend: Django (Python)
- Database: MySQL / SQLite
- Tools: VS Code, Email/SMS APIs (like Twilio or SMTP)

Team Members:

- Sandesh.S (4AI23CD046)
- Hrushank A J (4AI23CD020)
- Shreyas G (4AI23CD050)
- Deepak B J (4AI23CD014)

Signature of the Guide with date

Signature of the Coordinators with date