Symptom & Medication Journal– Project Report

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Course: - FUNDAMENTAL AI and ML

Platform: - VITyarthi - Build Your Own Project

1. Introduction

This project creates a simple Symptom & Medication Journal for Introduction to Programming.

It stores Symptoms & Medications, allows marking their occurrence, and displays summary.

2. Problem Definition

Manual health tracking is unreliable and messy. This project solves that by providing a simple, digital tool to log medications and symptoms instantly, ensuring you have an accurate record of your health history without the hassle of paper notes. A simple console tool helps record and track of Symptoms & Medications.

3. Objectives

- Input and store Symptom & Medication

- Mark log occurrences (done count)

- View Symptom & Medication list and Occurrences

- Practice basic programming concepts

4. Requirements

Functional:

- Add Symptom & Medication Journal

- log occurrences

- View summary

- Exit

Non-Functional:

- Easy to use

- Reliable incrementing of occurrence

5. Design

Modules:

- add_item()

- log_occurrence ()

- view_summary()

- menu ()

6. Algorithm

1. Start

2. Display menu

3. Perform selected action

4. Repeat until Exit

5. End

7. Implementation

Implemented in Python using lists and dictionaries. Console-based I/O used.

8. Testing

Tested by adding multiple Symptom & Medication, tracking occurrences, viewing list of summaries of the Symptom & Medication Journal.

9. Conclusion

The project demonstrates loops, conditionals, functions, and simple data handling in a practical application.