Software and Hardware Requirements

Software Requirements :

Category	Specification
Operating System	Windows 10 / 11 or any OS that supports Python
Programming Language	Python 3.8+
Web Framework	Flask (for backend server)
Frontend	HTML5, CSS3
Libraries & Tools	Pandas, NumPy, Scikit-learn, joblib, matplotlib (for EDA)
IDE/Code Editor	Visual Studio Code (VS Code)
Browser	Google Chrome / Microsoft Edge (for testing the web app)
Dataset	Final_medicine_quality_dataset.csv from Kaggle

Hardware Requirements :

Component	Specification
Processor	Intel Core i3 or equivalent
RAM	Minimum 8 GB
Storage	At least 256 GB SSD (for fast read/write)
Display	Standard HD display
Internet Connection	For installing libraries and dependencies