

Software Group Project-V [CS452]

Recommender System

Domain: Data Science & Analytics
Internal Guide: Prof. Rima Patel

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In this Presentation

Here's what we'll cover:

Problem Statement

Current system and limitation

Proposed system

Requirement gathering techniques
used

List of requirements

Tech Stack

Gantt Chart

Problem Statement

What do you mean by Recommendation Systems?

A recommendation system , is a subclass of information filtering system that provide suggestions for items that are most pertinent to a particular user. Typically, the suggestions refer to various decision-making processes.

Recommender systems are particularly useful when an individual needs to choose an item from a potentially overwhelming number of items that a service may offer.

Current System and It's Limitation

Current Systems

- All the systems are quite specific.
- There is no single platform that provides multiple recommendations

Limitations of the Current Systems

- Users have no single handed control
- Most of the systems are in-built or integrated with certain softwares.
- Users have less flexibility,

Requirement Gathering Techniques Used

- Brainstorming
- Document Analysis
- Prototyping

Proposed **System**

- Amalgamation of all the recommendations on the single platform.
- More flexibility to the user.



List of requirements

Hardware :

Laptop, PC's, Smart Phone

Software:

Any browser and OS



Tech Stack

Languages

- Python
- Java Script

Dataset

- Kaggle

Deployment

- Front-end : Vercel
- Backend : Heroku

IDE

- VScode
- Google collab
- Postman

Version Control

- Github

Designing

- Tailwind css

TASKS	WEEK 1	WEEK2	WEEK 3	WEEK 4 TO 6	WEEK 6 - 7
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Approach



UI Design



Data Collection and
Cleaning



Model Development



Front-end



API Integration



Final Deploy



THANK YOU.