



PARSHWANATH CHARITABLE TRUST'S
A.P. SHAH INSTITUTE OF TECHNOLOGY
Department of Computer Science and Engineering
Data Science



Freelancing Platform

Aman Dhumal	21107036
Meet Jamsutkar	22207004
Varad Joshi	21107002
Rohan Waghode	21107008

Project Guide
Prof. Anagha Aher

Contents

- Introduction
- Objectives
- Scope
- Features / Functionality
- Project Outcomes
- Technology Stack
- Block Diagram

1. Introduction

- Problem Identified :
 - Inefficient matching : Existing Platforms struggle to connect freelancers to their suitable jobs.
- Solution Proposed :
 - Creating a Freelancing platform with personalized job recommendations and personalized job matching.

2. Objectives

1. **To Enhance Job Matching Accuracy** : Improve job-freelancer matching algorithms.
2. **To Provide Personalized Job recommendation** : Personalize job recommendations.
3. **To create a user friendly freelancing platform** : Design an intuitive platform.
4. **To Promote Skill development** : Provide skill development resources.
5. **To Ensure Data Security** : Ensure user data protection.
6. **To Implement Payment Integration** : Incorporate a secure payment system.

3. Scope

1. Our project offers a versatile platform that caters to a wide array of freelancing domains, including but not limited to web development, graphic design, and writing. This platform serves as an invaluable resource for freelancers in search of job opportunities.
2. The recommendation engine embedded within our project is designed with a universal approach, allowing it to be seamlessly integrated into other projects or repurposed for different applications. This adaptability enhances its value and broadens its potential impact.

4. Feature /Functionality

1. Feature 1 : Personalised Experience
 - All interactions are recorded and used by our Recommendation Engine for a personalized experience
2. Feature 2 : Top Charts
 - Display various top services, categories and freelancers based on statistics
3. Feature 3 : Email Alerts
4. Feature 4 : Social Login using AllAuth
5. Feature 5: Payment Gateway

5. Outcome of Project

1. User Can Registration and Login.
2. User Can Create Profile:
3. Clients can post job listings.
4. Freelancers can browse and search for available job opportunities.
5. Relevant Job Listing will be suggested to freelancers.
6. User can message each other using the messaging tool.

6. Technology Stack

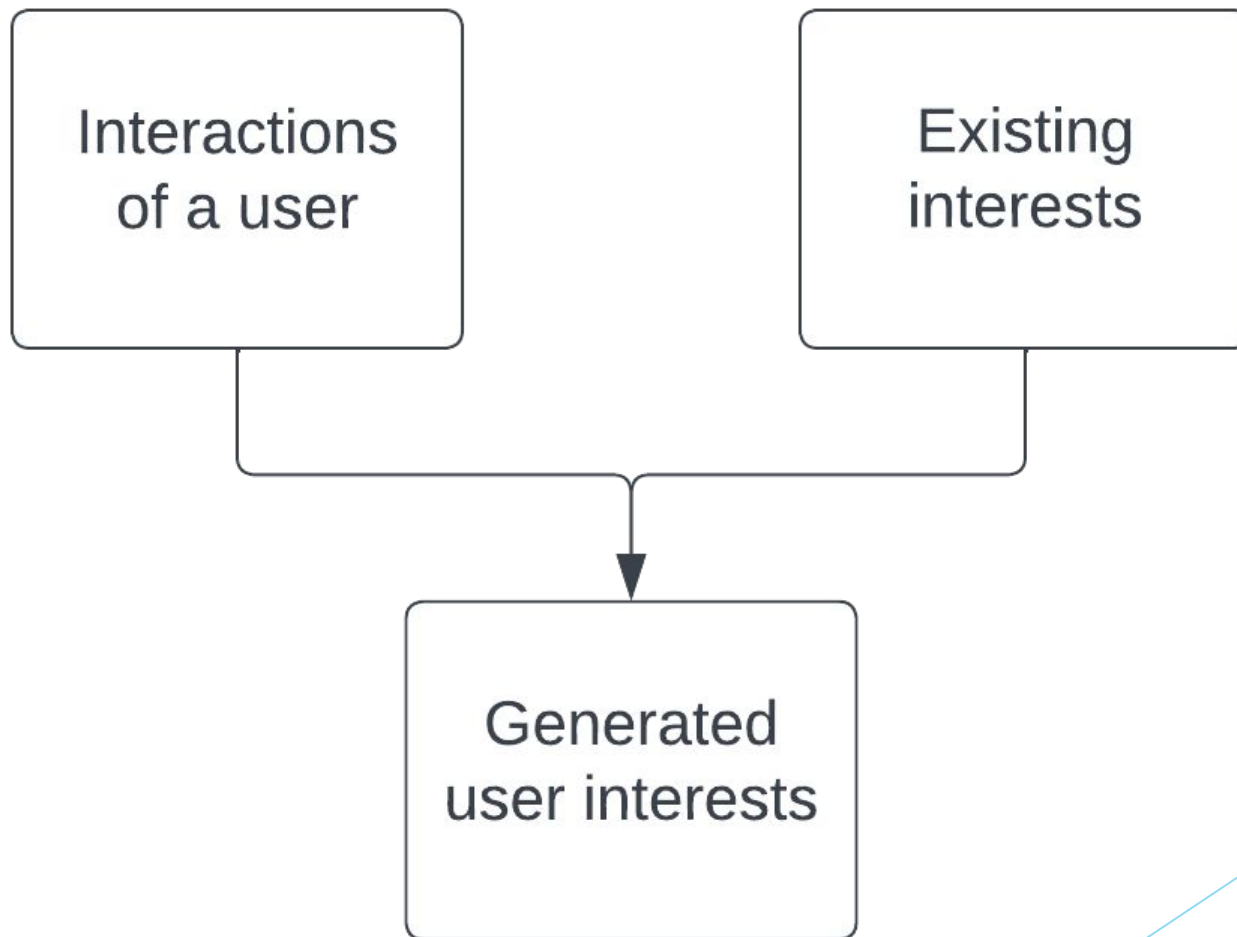
1. Python 3.11.5
2. Html5
3. Bulma CSS 0.9.4
4. Redis 7.2.0
5. Django 4.2.4

7. Block Diagram

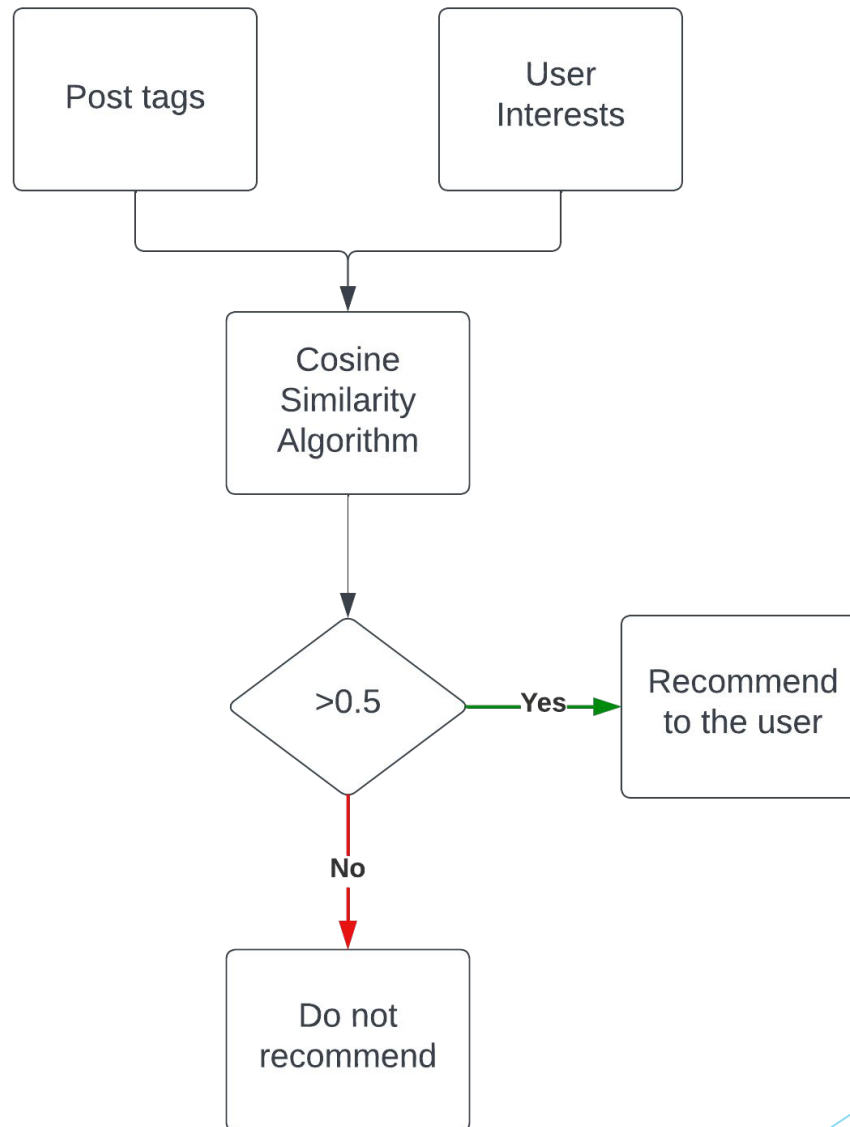
The Block Diagram is Divided into three sections:

1. Generating User Interests
2. Generating Recommendations
3. Generating Top Charts/Analytics

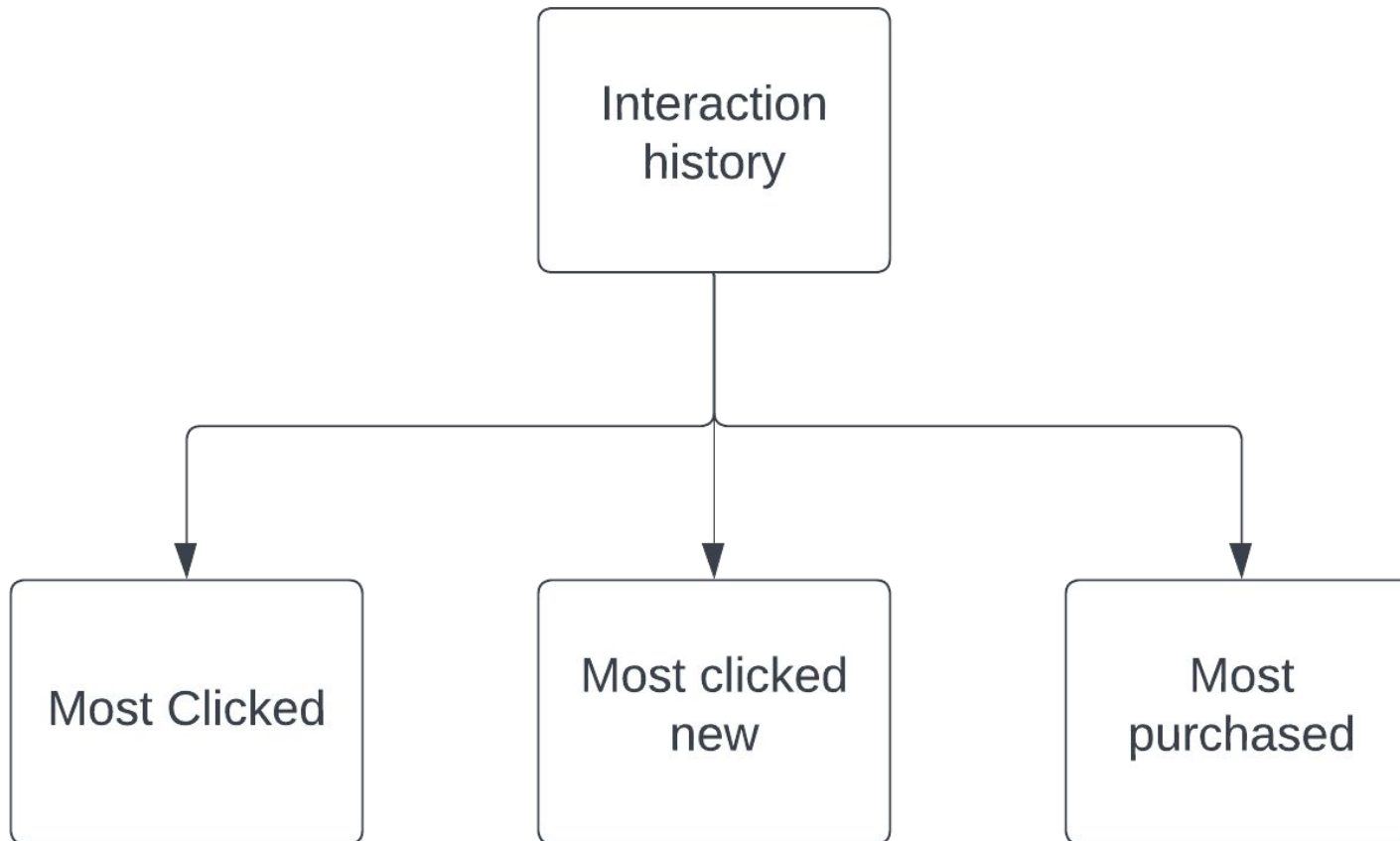
7. Block Diagram 1: Generating User Interests



8. Block Diagram 2: Generating Recommendations



9. Block Diagram 3: Generating Top Charts/Analytics



Thank You...!!