

A Platform for Music, Book and Movie Recommendation

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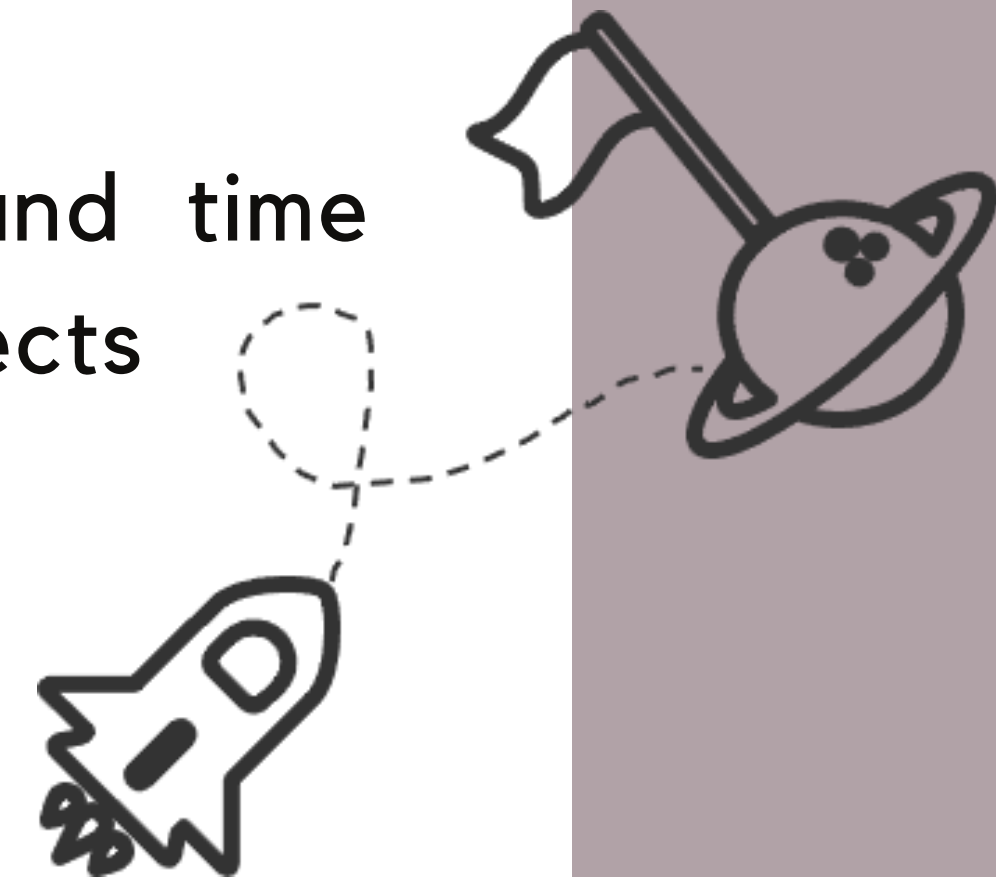
08 Conclusion



Introduction

Introduction

- **Project Description:** Building a platform that makes recommendations for music, books, and movies.
- **Aim:** Improving existing recommendation systems by combining three different systems into a single platform.
- **Objective:** Reducing the number of applications and time taken to get recommendations for three different subjects



Literature Review

Deep Learning

Restful API

Development Methodology



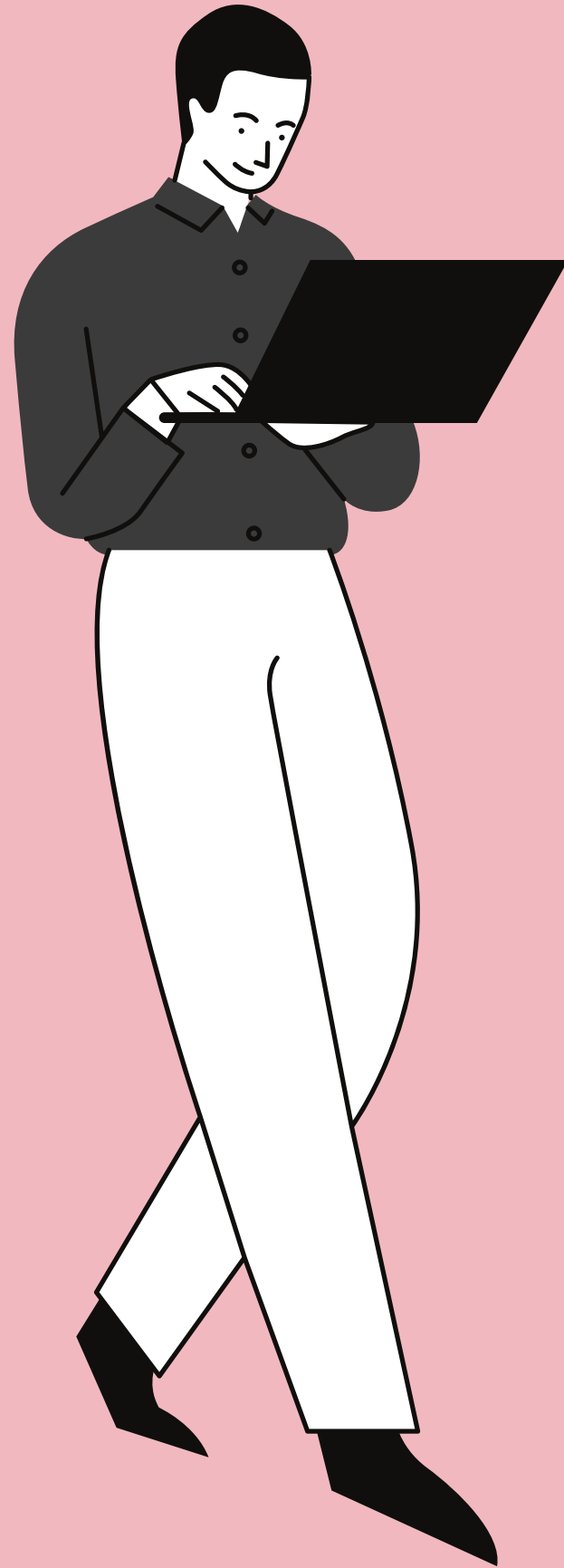
Requirements

Design

Implementation

Verification

Maintenance



Requirements & Design

Requirements Phase



USER

The user will use the platform to receive recommendations for any kind of music, books, and movies, according to their preferences and feedbacks.

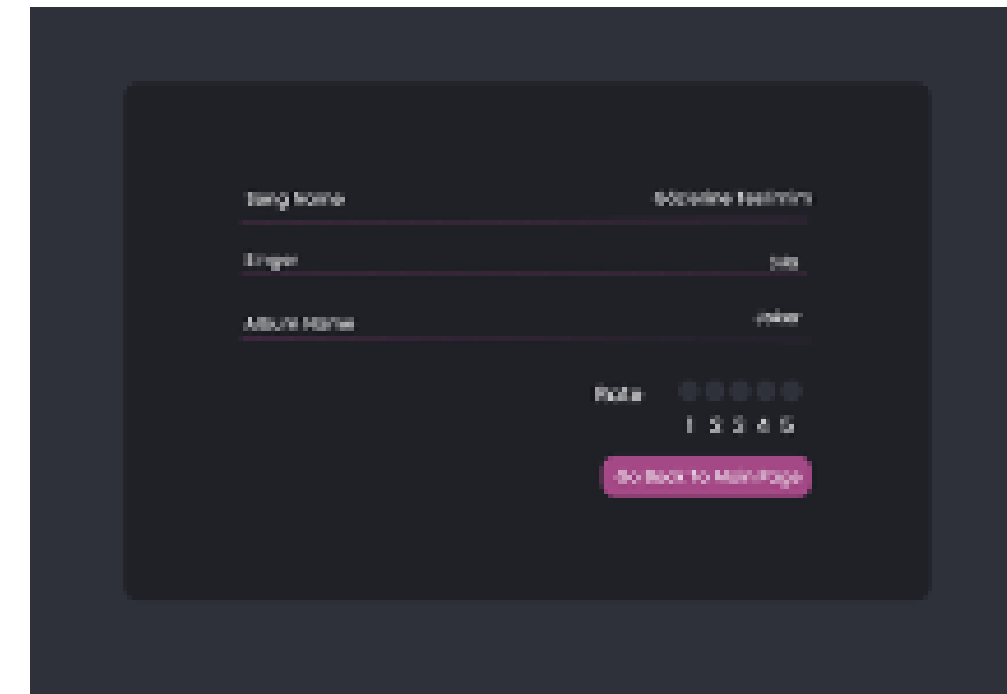
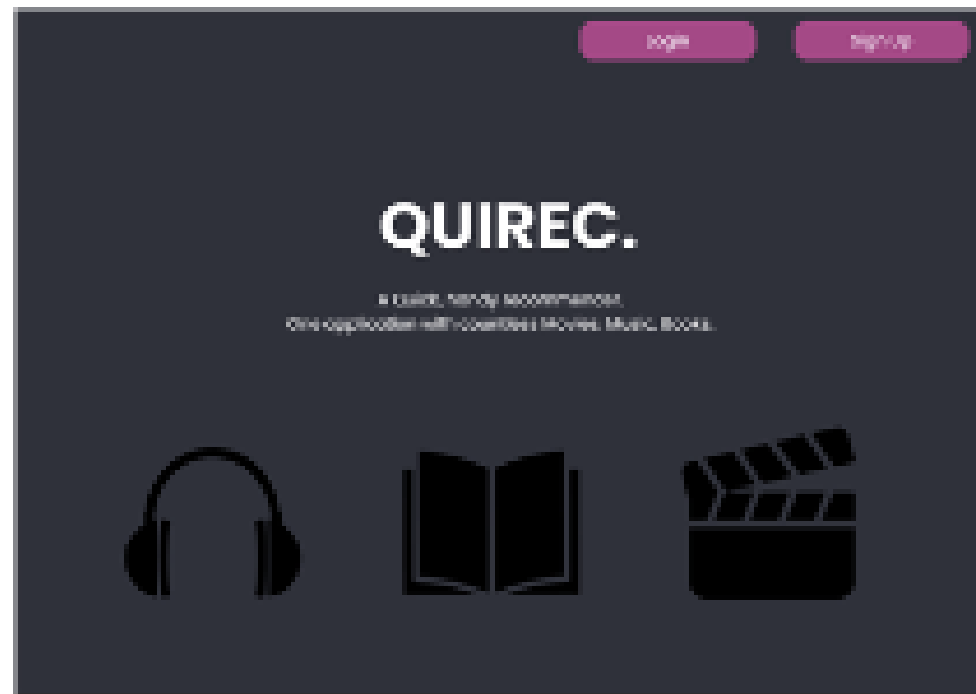
The admin will be responsible for observing the recommendation performances and maintaining the quality of the platform by operating necessary updates on the system.



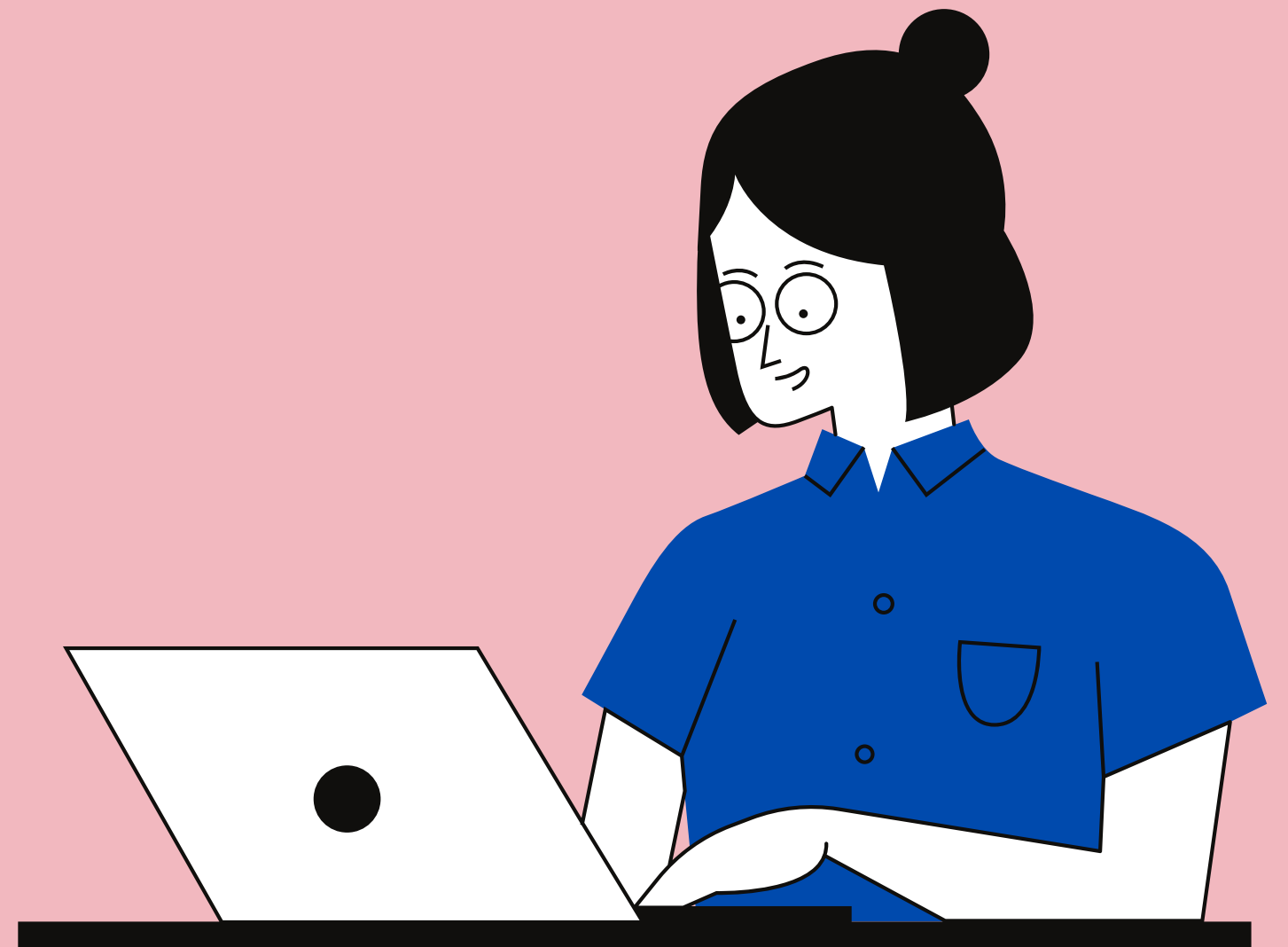
ADMIN

Design Phase

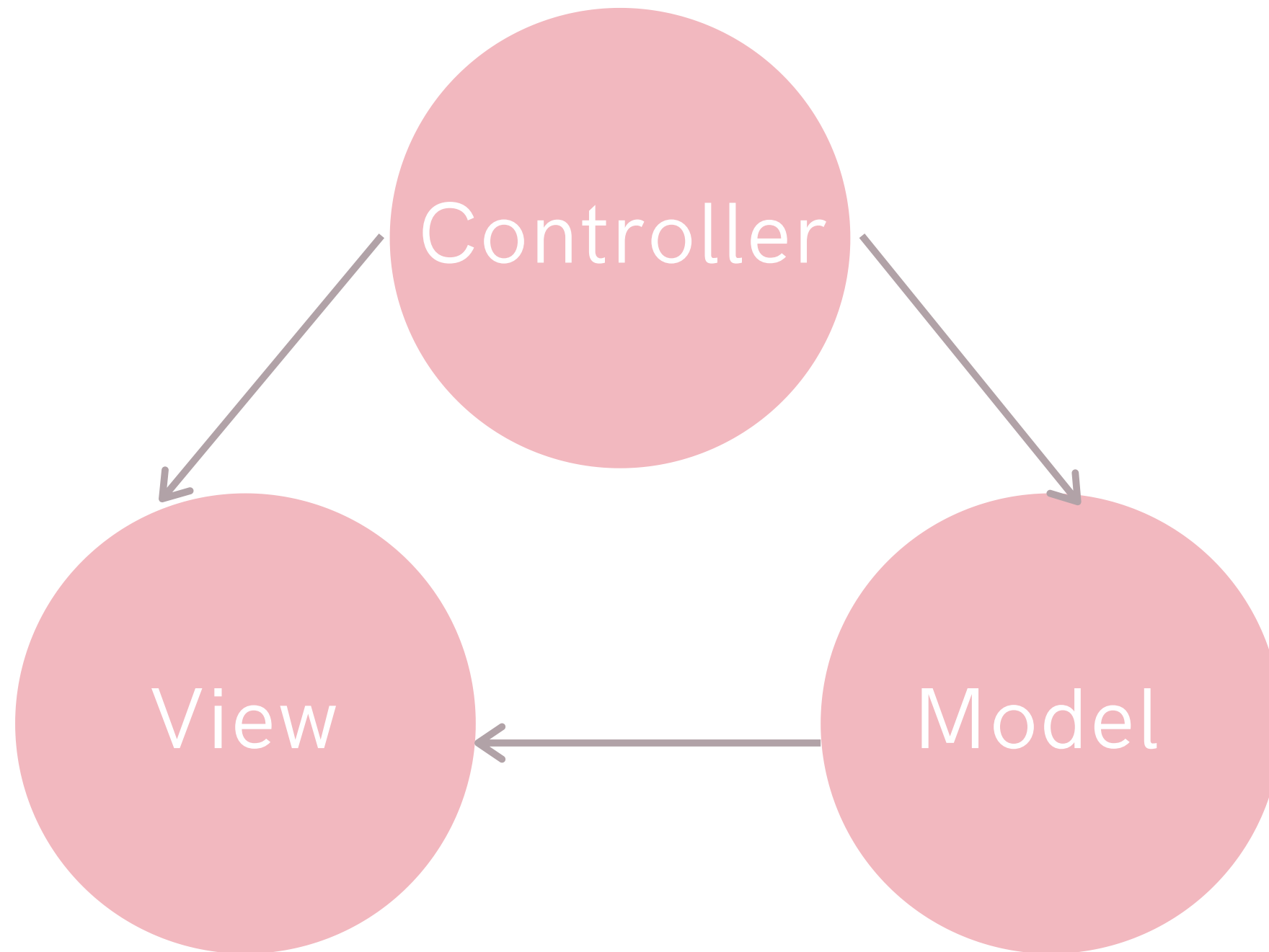
We designed our project by using a design tool, Figma.



Implementation



Implementation Phase



Implementation Phase



Implementation Phase

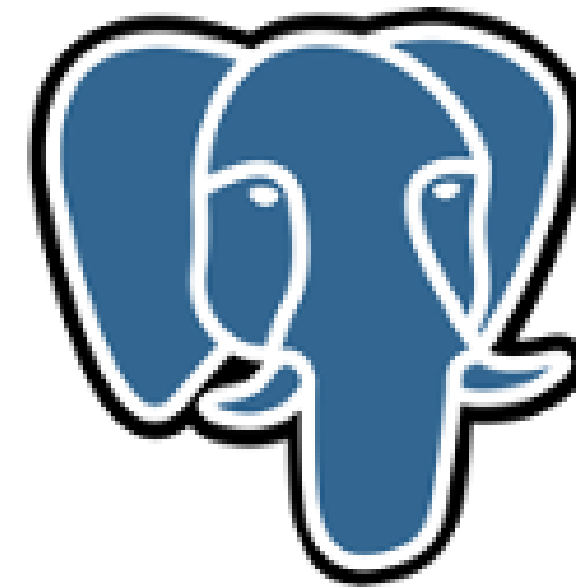
- o Regression estimates the relationship between the target and the independent variable.
 - o It is used to find the trends in data.
- o It helps to predict real/continuous values.

Technologies Used



Vue.js

postgresql



Spring
Boot

Tensor
Flow



Verification & Maintenance



Verification Phase

| Priority | Number of Test Cases | Executed | Passed |
|----------|----------------------|----------|--------|
| H | 31 | 31 | 31 |
| M | 30 | 30 | 30 |
| L | 29 | 29 | 29 |
| Total | 90 | 90 | 90 |

Success!

The system is ready for the release.

Maintenance Phase

Maintenance is a continuous journey.
There is no end to a maintenance phase.

QuiRec is always up to date by the retrain
model feature of the admin.



Risks & Solutions

 Bugs, Application crashes  Implemented test cases to ensure there is no bugs

 Low performance on recommender system  Added admin feature to check the performance

QUIREC

Demonstration

THANK
YOU