

Portfolio Management App

Undertaken By:

Fiza Ahmad
CIIT/FA21-BSE-008/VEHARI

Memoona Khalid
CIIT/FA21-BSE-017/VEHARI



DEPARTMENT OF COMPUTER SCIENCES
COMSATS UNIVESITY ISLAMABAD, VEHARI CAMPUS
VEHARI – PAKISTAN

SESSION 2021-2025

Table of Contents

Table of Contents	ii
1 Introduction.....	1
1.1 Project Overview.....	1
2 Objective of the Project.....	1
3 Functional Requirements	1
3.1 Admin.....	1
3.1.1 Project Management:	1
3.1.2 Categorization:.....	1
3.1.3 User Interaction Analytics:.....	1
3.1.4 Access Control:	1
3.2 User	2
3.2.1 Project Exploration:	2
3.2.2 Interaction Tools:	2
3.2.3 Search and Filter:	2
3.2.4 User Profile:	2
3.3 Technology Stack	2
4 Conclusion	2

1 Introduction

1.1 Project Overview

The Portfolio Management System is a comprehensive solution designed to simplify the process of showcasing and managing projects. The system offers two distinct interfaces for Administrators and Users, ensuring efficient portfolio management while enhancing user experience. It provides tools for project organization, user interaction, and feedback collection.

2 Objective of the Project

Objectives:

The main objectives of the Portfolio Management System are:

- To create a centralized platform for managing and displaying projects.
- To enable administrators to efficiently manage project portfolios with tools for adding, editing, deleting, and organizing projects.
- To provide users with an intuitive interface for exploring projects, offering feedback, and interacting through likes and comments.
- To enhance project visibility and engagement by offering search, filter, and categorization features.

3 Functional Requirements

3.1 Admin

3.1.1 Project Management:

Add, edit, and delete projects with details such as title, description, tags, media, and timelines.

3.1.2 Categorization:

Group projects into categories or tags for better organization.

3.1.3 User Interaction Analytics:

Monitor metrics like likes, views, and feedback for each project.

3.1.4 Access Control:

Secure admin login with role-based permissions.

3.2 User

3.2.1 Project Exploration:

View project details, including descriptions, images, and categories.

3.2.2 Interaction Tools:

Like projects and leave feedback or comments.

3.2.3 Search and Filter:

Use filters to find projects by category, title, or tags.

3.2.4 User Profile:

Access interaction history, including liked projects and feedback submitted.

3.3 Technology Stack

- **Tool:** Android Studio.
- **Framework:** Flutter for cross-platform app development.
- **Language:** Dart language.
- **Authentication:** For secure user and admin login with support for role-based access control.

4 Conclusion

The Portfolio Management System will act as a versatile and efficient tool for managing and showcasing projects. By combining robust admin tools with an engaging user interface, the system aims to streamline portfolio management and maximize user engagement.