



MEHRAN UNIVERSITY
OF ENGINEERING & TECHNOLOGY
JAMSHORO, PAKISTAN

Talent Hub and Portfolio Making Application

| | |
|---------------------|---|
| Report Submitted by | Ambar Arain (20sw019) & Hira Khuwaja(20sw025) |
| Report Submitted to | Ms. Mariam Memon |
| Report Type | Complex Engineering Problem |
| Submission Deadline | 8th October 2023 |

Real World Problem

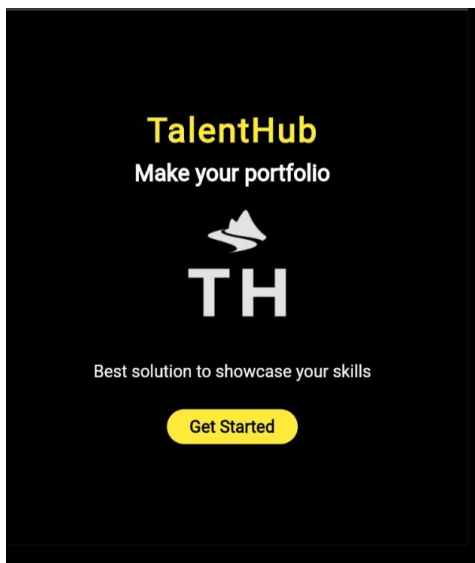
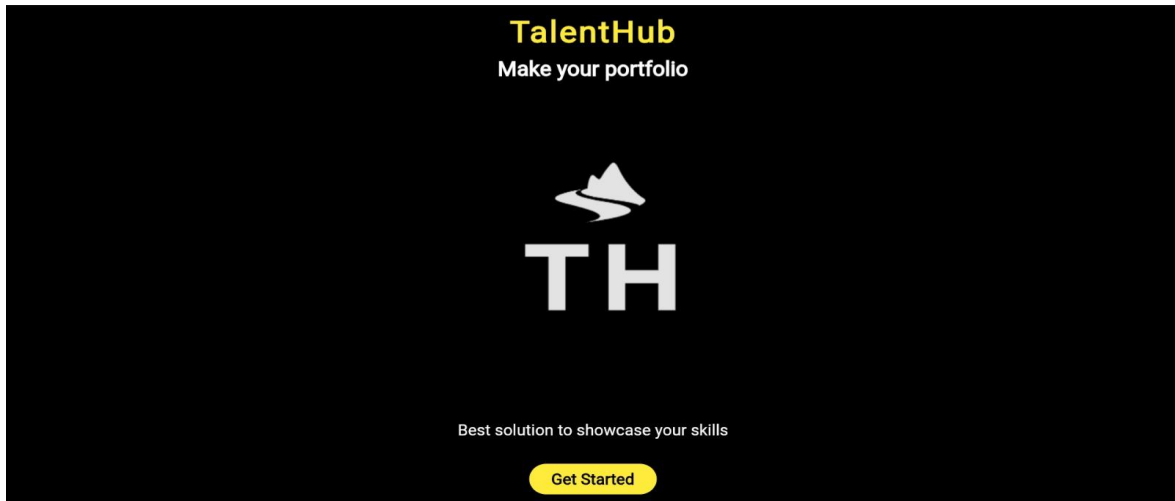
People need a strong way to present their abilities, successes, and experiences to hiring managers, clients, or partners in the modern digital world. Traditional paper-based portfolios lack interactivity and are out-of-date. The need for a modern, user-friendly, and responsive platform for developing and exchanging professional portfolios is seen as a challenge in the real world.

Proposed Solution

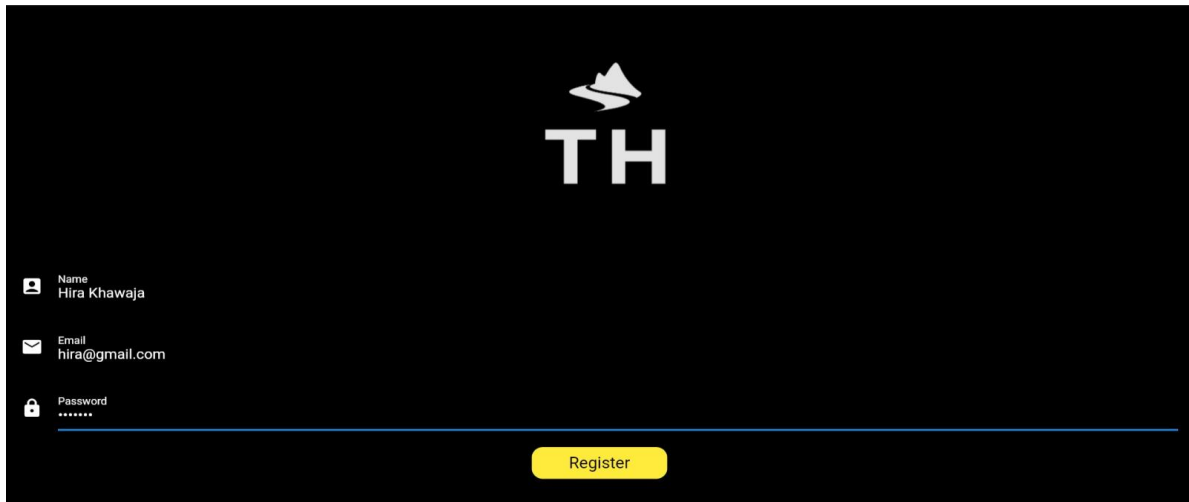
Our proposed solution is a Portfolio App that allows users to input their personal and professional information and generates a visually appealing and responsive portfolio. This app aims to solve the problem by providing an easy-to-use interface for users to create, customise their portfolios.

Responsive User Interfaces

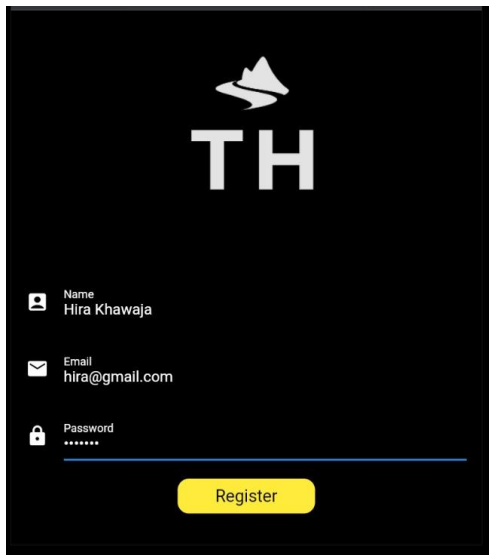
1. Welcome screen



2.Registration Screen




A registration screen mockup with a black background. At the top center is a logo consisting of a white mountain peak above the letters 'TH'. Below the logo, on the left side, are three form fields: 'Name' with the value 'Hira Khawaja', 'Email' with the value 'hira@gmail.com', and 'Password' with masked characters '*****'. A horizontal blue line is positioned below the password field. At the bottom center, there is a yellow rounded rectangular button with the text 'Register'.



A registration screen mockup with a black background. At the top center is a logo consisting of a white mountain peak above the letters 'TH'. Below the logo, on the left side, are three form fields: 'Name' with the value 'Hira Khawaja', 'Email' with the value 'hira@gmail.com', and 'Password' with masked characters '*****'. A horizontal blue line is positioned below the password field. At the bottom center, there is a yellow rounded rectangular button with the text 'Register'.


3.Log in Screen



Email
ambarr@gmail.com

Password

Sign in Sign up



Email
hira@gmail.com

Password

Sign in Sign up

4. User Input Screen

Welcome to Talent Hub

First Name

Ambar

Last Name

Arain

Occupation/Profession

Software Engineer

How many Projects did you do so far?

50

How many years of experience you have?

3

In how many companies you have worked so far?

2

Cancel

Next

Welcome to Talent Hub

First Name

Ambar

Last Name

Arain

Occupation/Profession

Software Engineer

How many Projects did you do so far?

50

How many years of experience you have?

3

In how many companies you have worked so far?

2

Cancel

Next

←

Welcome to Talent Hub

Please Select Your Skills

React

✓

JavaScript

✓

Python

✓

TypeScript

✓

HTML

✓

Java

✓

CSS

✓

Upload Photo

Generate

←

Welcome to Talent Hub

Please Select Your Skills

React

✓

JavaScript

✓

Python

✓

TypeScript

✓

HTML

✓

Java

✓

CSS

✓

Upload Photo

Generate

←

Welcome to Talent Hub

Please Select Your Skills

React

✓

JavaScript

✓

Python

✓

TypeScript

✓

HTML

✓

Java

✓

CSS

✓

Choose Image Source

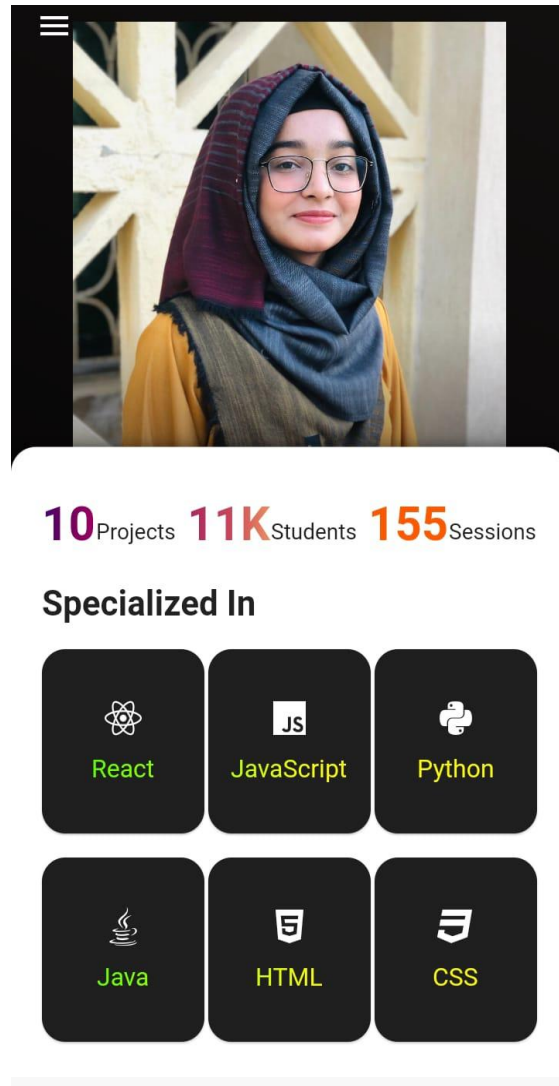
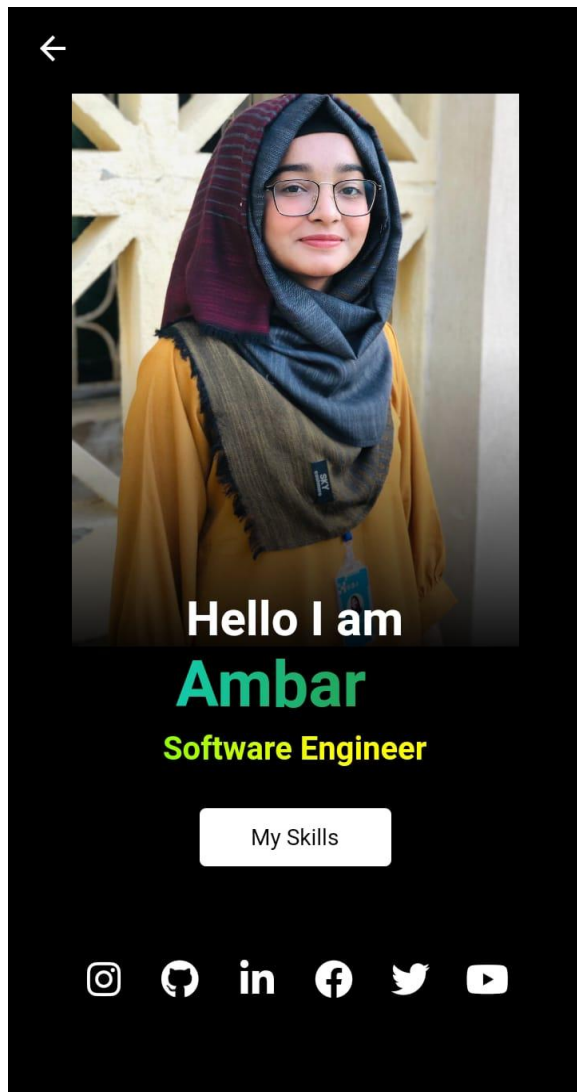
From Gallery

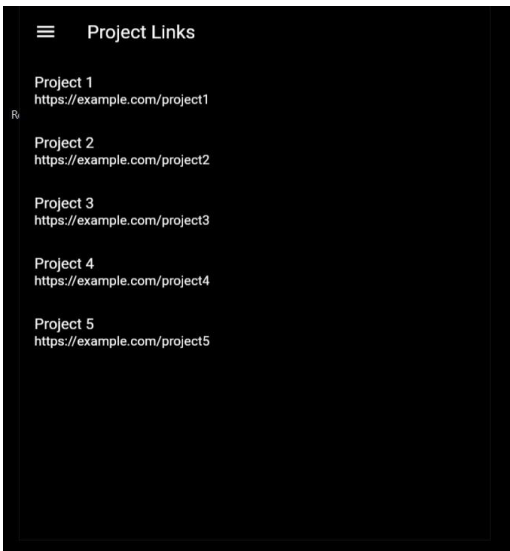
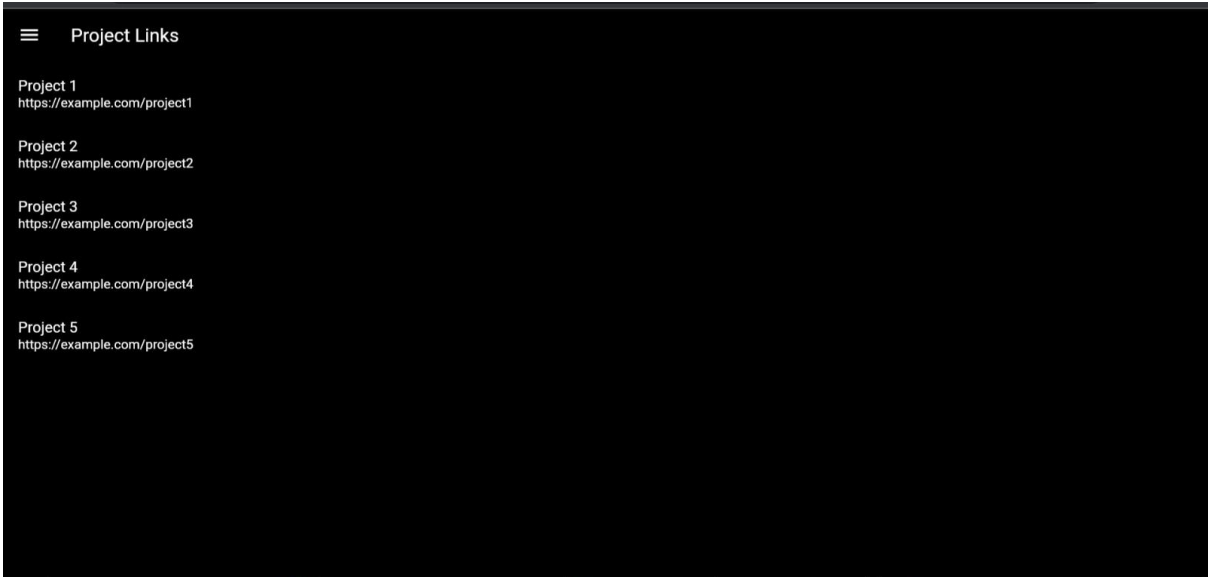
From Camera

Upload Photo

Generate

6.Portfolio





Data Storage

For our data storage needs, we chose Firebase, a versatile and scalable cloud-based platform offered by Google.

Authentication: Firebase Authentication simplifies the user registration and login process, enhancing the security and trustworthiness of our app.

Cloud Storage: We utilise Firebase Cloud Storage to store media assets such as images and files associated with portfolio entries. This ensures fast and reliable access to these assets.

The decision to use Firebase was based on its robust set of features, ease of integration, and the ability to handle the dynamic and real-time nature of portfolio data.