**DUY TÂN UNIVERSITY**

**International School**

# CAPSTONE PROJECT 1
**CMU-SE-450**

# INTERFACE DESIGN DOCUMENT

Version 1.1

Date: 15 - Nov - 2020

# Green Big5 Information System

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Binh, Thanh Nguyen _____           _____31 - Nov- 2021

| PROJECT INFORMATION | | | |
|---|---|---|---|
| **Project Acronym** | GB5 | | |
| **Project Title** | GreenBig5 | | |
| **Project Web URL** | http://greenbig5.herokuapp.com/ | | |
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| **End Date:** | | | |
| **Lead Institution** | International School, Duy Tan University | | |
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| DOCUMENT INFORMATION | |
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## REVISION HISTORY

| Version | Person(s) | Date | Description | Approval |
|---------|-----------|------|-------------|----------|
| Draft | Chinh | 12 - Aug - 2021 | Initiate document | x |
| 1.0 | Chinh | 15 - Nov - 2021 | Finish content of interface design | x |
| 1.1 | Hau, Loc | 10-Dec-2021 | Update content of interface design | x |
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# 1. INTRODUCTION

## 1.1. PURPOSE OF DOCUMENT

This IDD of the GB5 system has the following purpose:
- Document the design of the user interface of functions of GB5.
- Be the primary document driving the implementation of the user interfaces.
- Introduce interface design for the reader. Including the background, content information display, command buttons.

## 1.2. INTENDED AUDIENCES

This IDD is intended for the following audiences:

- Technical reviewers including:
- Scrum Master
- Product owner
- Implementers, including:
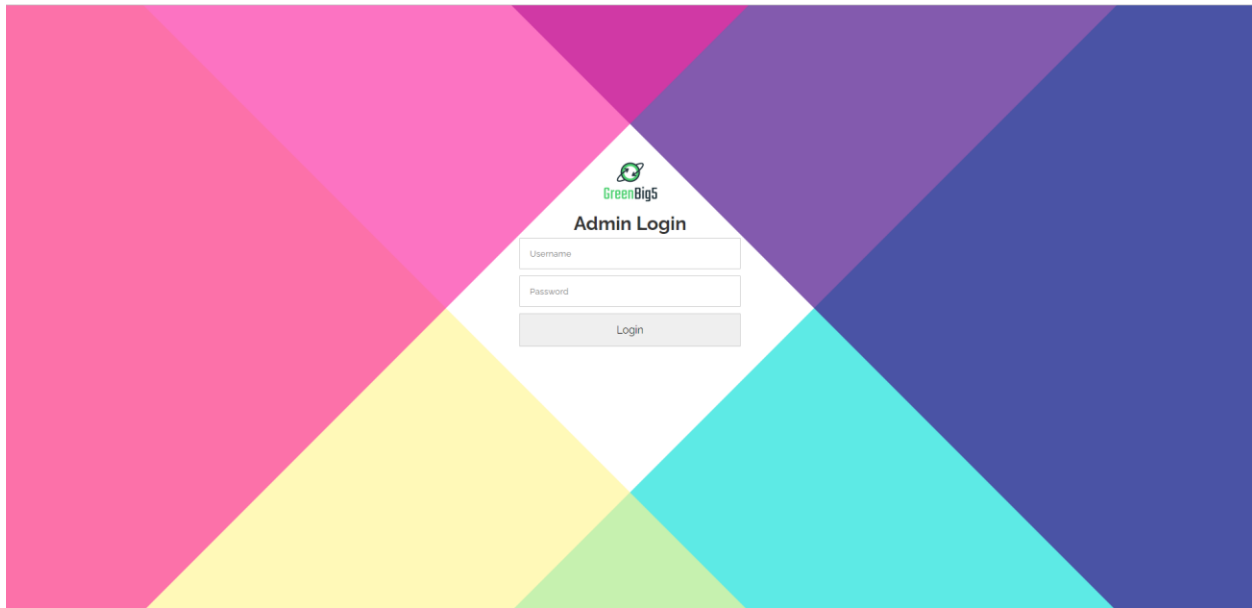  - Developers.
  - Testers.

## 1.3. DOCUMENT OVERVIEW

This IDD is organized into the following sections:

- This document helps to better understand the interface of the Green Big 5 information System, detailed specification components and function of the Application, Dashboard
- With this document, the development team can understand the structure and composition to create a consistent and complete system.
- Overview of the stages and modules of the software and create a complete interface.
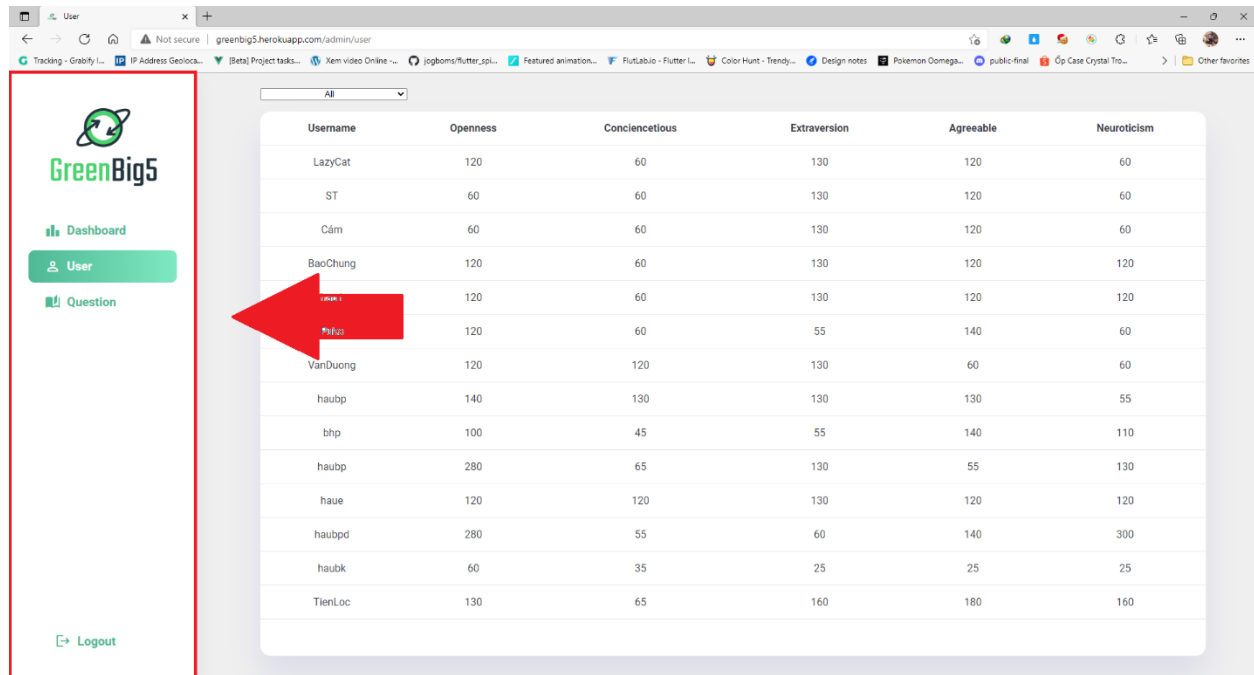
# 2. DETAILED INTERFACE WEB DESIGN

## 2.1. Loginpage



| Loginpage | | | | |
|---|---|---|---|---|
| **No.** | **Field name** | **Type** | **Require** | **Target** |
| 1 | Background | | .top:before {<br>  transform: rotate(45deg);<br>  background: #05dfd7;<br>}<br>.top:after {<br>  transform: rotate(135deg);<br>  background: #fff591;<br>}<br><br>.bottom:before {<br>  transform: rotate(-45deg);<br>  background: #400082;<br>}<br>.bottom:after {<br>  transform: rotate(-135deg); | |

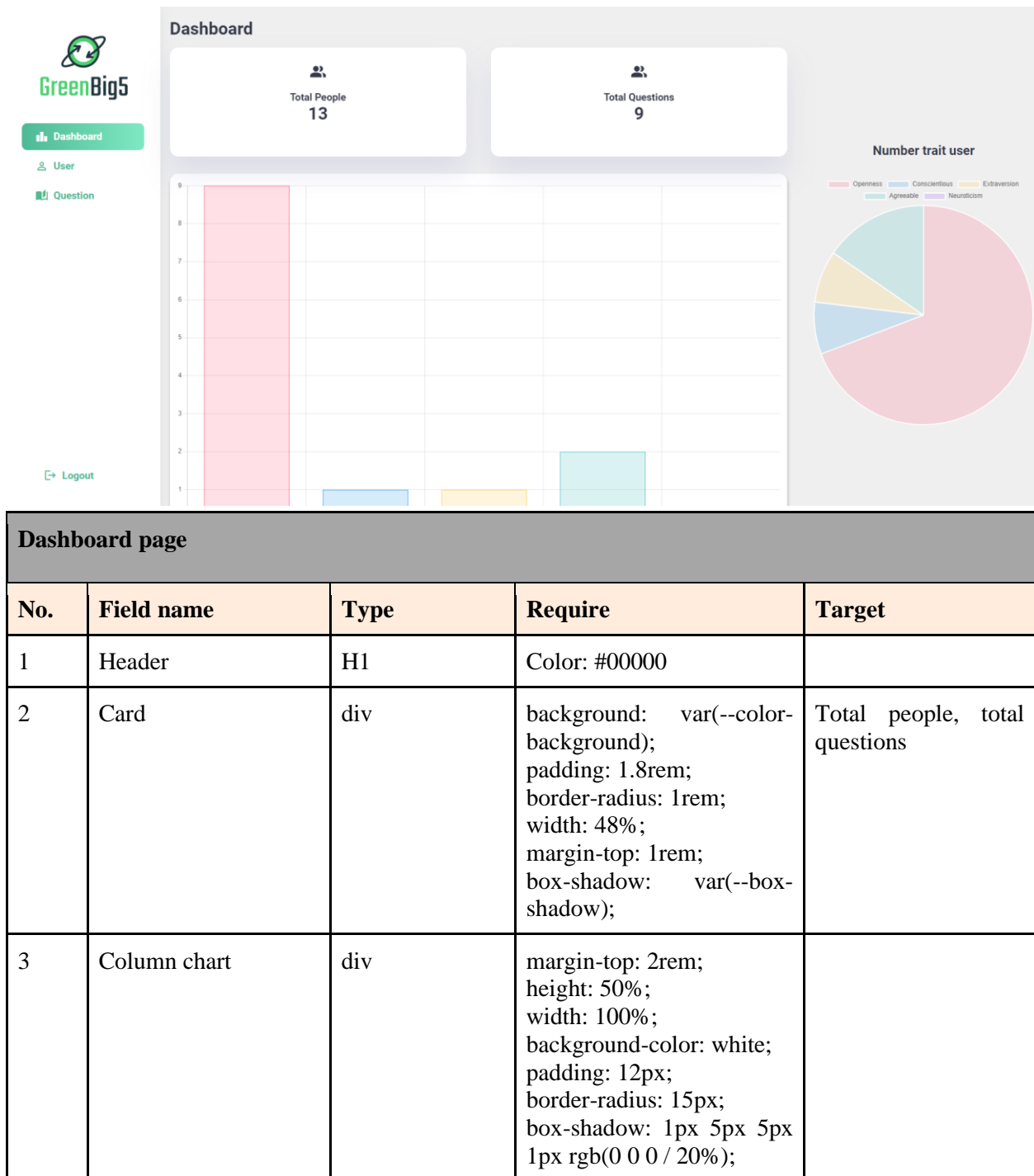| | | | background: #fa26a0; | |
|---|---|---|---|---|
| 2 | Header | H2 tag | Font-size: 1.2rem<br>Color: #00000 | |
| 3 | Email | Input tag | width: 100%;<br>padding: 15px;<br>margin: 5px;<br>border-radius: 1px;<br>border: 1px solid #ccc;<br>font-family: inherit; | |
| 4 | Password | Input "password" tag | width: 100%;<br>padding: 15px;<br>margin: 5px;<br>border-radius: 1px;<br>border: 1px solid #ccc;<br>font-family: inherit; | |
| 5 | Button | button | cursor: pointer;<br>font-size: 1rem;<br>hover:<br>background-color: #28df99;<br>color: #ffffff; | Redirect to /dashboard page |
| 6 | logo | image |  | logo_green.png |

## 2.2. Sidebar



| Sidebar | | | | |
|---|---|---|---|---|
| **No.** | **Field name** | **Type** | **Require** | **Target** |
| 1 | Logo | image |  | logo_green.png |
| 2 | Menu | List & icon button | margin-top: 0.3rem; padding: 13px 25px; display: flex; align-items: center; font-weight: 600; transition: color 0.2s ease 0s; color: #4eb994; position: relative hover: color: #fff; | Dashboard, User, Question, Logout |

## 2.3. Dashboard page



| Dashboard page | | | | |
|---|---|---|---|---|
| **No.** | **Field name** | **Type** | **Require** | **Target** |
| 1 | Header | H1 | Color: #00000 | |
| 2 | Card | div | background: var(--color-background);<br>padding: 1.8rem;<br>border-radius: 1rem;<br>width: 48%;<br>margin-top: 1rem;<br>box-shadow: var(--box-shadow); | Total people, total questions |
| 3 | Column chart | div | margin-top: 2rem;<br>height: 50%;<br>width: 100%;<br>background-color: white;<br>padding: 12px;<br>border-radius: 15px;<br>box-shadow: 1px 5px 5px 1px rgb(0 0 0 / 20%); | |

| 4 | Pie Chart | div | Display: flex<br>display: block;<br>box-sizing: border-box;<br>height: 464px;<br>width: 464px; | |
|---|-----------|-----|------------------|---|

## 2.4. User page
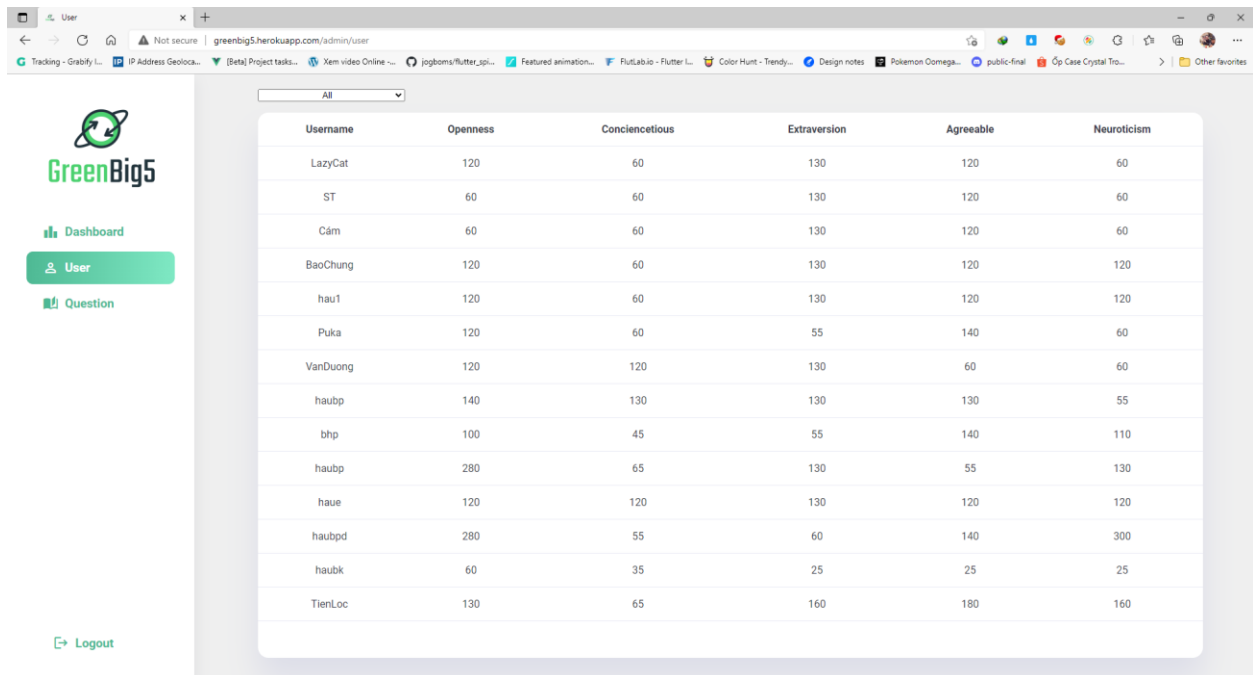


| User page | | | | |
|---|---|---|---|---|
| **No.** | **Field name** | **Type** | **Require** | **Target** |
| 1 | Filter | Dropdown(Select tag) | All: Openness, Conciencetious, Extraversion, Agreeable, Neuroticism. | |
| 2 | Table | Table tag | margin: 0 auto;<br>width: 90%;<br>overflow-y: auto;<br>height: 70vh;<br>background:var(--color-background);<br>border-radius: 1rem; | |

## 2.5. Question Page



| Question Page | | | | |
|---|---|---|---|---|
| **No.** | **Field name** | **Type** | **Require** | **Target** |
| 1 | background | | margin-top: 1.4rem; margin-left: 1.1rem; position: relative; background: #363949 | |

### 2.5.1. SHOW QUESTION FORM

| Question Page | | | | |
|---|---|---|---|---|
| **No.** | **Field name** | **Type** | **Require** | **Target** |
| 1 | Header | H1 | margin-bottom: 2rem; | |
| 2 | Filter questions | Dropdown(Select tag) | All: Openness, Conciencetious, Extraversion, Agreeable, Neuroticism. | |
| 3 | Table | Table tag | height: 230px; overflow: auto; border-bottom-left-radius: 1rem; border-bottom-right-radius: 1rem; | |
| 4 | Table header | thead | display: flex; text-align: center; | |
| 5 | Table body | tbody | margin-top: 12px; background: var(--color-background); width: 100%; height: 87%; | |

| | | | overflow: auto;<br>border-radius: 1rem;<br>border-bottom-right-radius: 1px;<br>text-align: center;<br>box-shadow: var(--box-shadow); | |
|---|---|---|---|---|
| 6 | Select question | Input tag | Type "checkbox" | When you click, you will choose the question you want to manipulate |
| 7 | Send question | button | padding: 0.4rem 0.8rem 0.4rem;<br>cursor: pointer;<br>color: #fff;<br>background: #2d91da;<br>border-radius: 0.4rem; | When you click on it, a table will appear to choose to send a question |

### 2.5.2. INPUT QUESTION FORM



| Input Question Form | | | | |
|---|---|---|---|---|
| **No.** | **Field name** | **Type** | **Require** | **Target** |
| 1 | Header | H2 | margin-bottom: 0.8rem; | |
| 2 | Input indicator | Input tag | width: 35%;<br>padding: 0.5rem; | |

| 3 | Poin | Input tag | type="number" min="1" max="100" value="0" | |
|---|---|---|---|---|
| 4 | Input questions | Input tag | margin-top: 0; background: var(--color-background); border-radius: 1rem; padding: 0 1.8rem 1.8rem 0; box-shadow: var(--box-shadow); text-align: center; | |
| 5 | Save question | button | margin-top: 1.3rem; padding: 0.4rem 0.8rem 0.4rem; cursor: pointer; margin-left: 25%; color: #fff; background: #2d91da; border-radius: 0.4rem; | When onclick it save a question |

# 3. DETAILED INTERFACE APPLICATION DESIGN

## 3.1. Sign In page
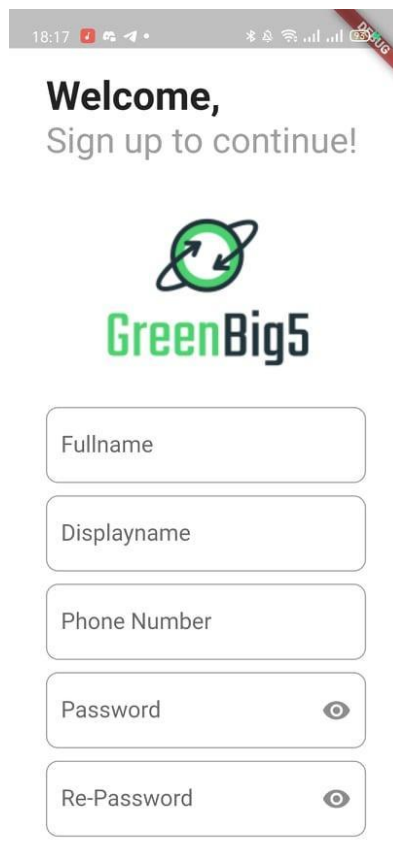


| Input Question Form | | | | |
|---|---|---|---|---|
| **No.** | **Field name** | **Type** | **Require** | **Target** |
| 1 | Background | | backgroundColor: Colors.white, | |
| 2 | Header | Text | fontWeight: FontWeight.bold, fontSize: 28.0 | |
| 3 | Subtitle | Text | color: Colors.grey, fontSize: 25.0, | |

| 4 | Logo | Image | | logo_green.png |
|---|---|---|---|---|
| 5 | Input infomation | TextFormField | borderRadius:BorderRadius.all(Radius.circular(10.0)), | Phone number, password |
| 6 | Button | Button | fontSize: 20.0, HexColor("#2FBB89") borderRadius: BorderRadius.circular(12.0), | when onclick it go through the login process |
| 7 | Signup | Link | HexColor("#2FBB89") | When onclick make, you will be redirected to the signup page |

## 3.2. Signup page

| Input Question Form | | | | |
|---|---|---|---|---|
| **No.** | **Field name** | **Type** | **Require** | **Target** |
| 1 | Background | | backgroundColor: Colors.white, | |
| 2 | Header | Text | fontWeight: FontWeight.bold, fontSize: 28.0 | |
| 3 | Subtitle | Text | color: Colors.grey, fontSize: 25.0, | |
| 4 | Logo | Image | | logo_green.png |
| 5 | Input infomation | TextFormField | borderRadius:BorderRadius.all(Radius.circular(10.0)), | Full Name, Display Name, Phone number, password, Repassword |
| 6 | Button | Button | fontSize: 20.0, HexColor("#2FBB89") borderRadius: BorderRadius.circular(12.0), | when onclick it go through the login process |

## 3.3. Change Display-Name page



| Input Question Form | | | | |
|---|---|---|---|---|
| **No.** | **Field name** | **Type** | **Require** | **Target** |
| 1 | Background | | backgroundColor: Colors.grey, | |
| 2 | Header | Text | color: Colors.grey, fontSize: 24.0, | |

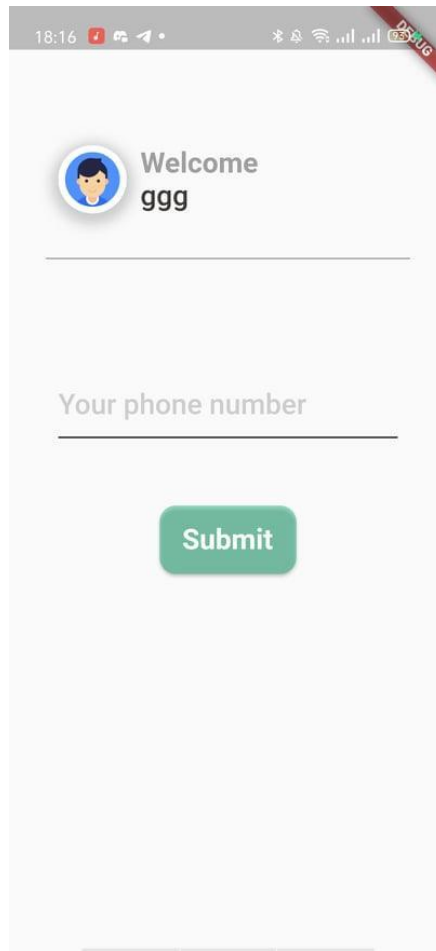| | | | fontWeight: FontWeight.bold, | |
|---|---|---|---|---|
| 3 | Subtitle | Text | color: Colors.black, fontSize: 24.0, | |
| 4 | Logo | Image | color: Colors.white, width: 5.0 | user.png |
| 5 | Change display name | TextFormField | fontSize: 18 | Enter to change your display name |
| 6 | Info | Text | fontSize: 14, fontWeight: FontWeight.w500, color: HexColor("#868383" | |
| 7 | Button | Button | fontSize: 20.0, HexColor("#2FBB89") borderRadius: BorderRadius.circular(12.0 ), | when onclick it go through the login process |

## 3.4. PhoneNumber page



| Input Question Form | | | | |
|---------------------|--|--|--|--|
| **No.** | **Field name** | **Type** | **Require** | **Target** |
| 1 | Background | | backgroundColor: Colors.grey, | |
| 2 | Header | Text | color: Colors.grey, fontSize: 24.0, fontWeight: FontWeight.bold, | |
| 3 | Subtitle | Text | color: Colors.black, | |

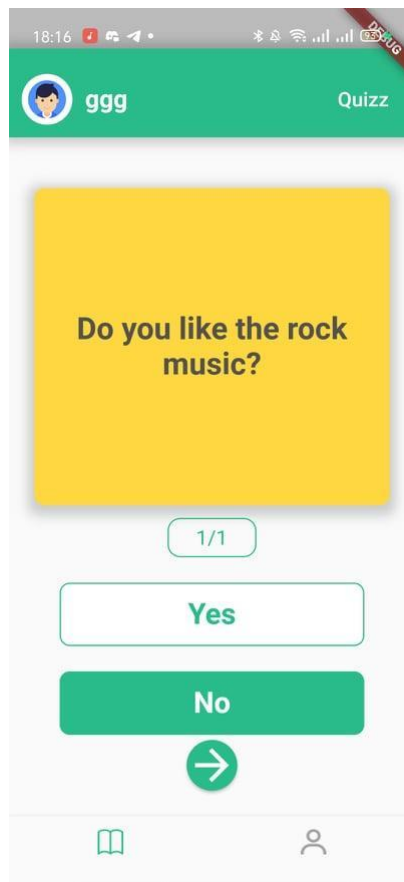| | | | fontSize: 24.0, | |
|---|---|---|---|---|
| 4 | Logo | Image | color: Colors.white, width: 5.0 | user.png |
| 5 | Phone Number | TextFormField | fontSize: 18 | Enter to change your phone number |
| 7 | Button | Button | fontSize: 20.0, HexColor("#2FBB89") borderRadius: BorderRadius.circular(12.0 ), | when onclick it go through the login process |

## 3.5. Question page

| **Input Question Form** | | | | |
| --- | --- | --- | --- | --- |
| **No.** | **Field name** | **Type** | **Require** | **Target** |
| 1 | Background | | backgroundColor: Colors.grey, | |
| 2 | Header | | color: Colors.grey.withOpacity(0.5), spreadRadius: 5, blurRadius: 7, offset: Offset(0,0.2) HexColor("#2FBB89") | |
| 3 | Name | Text | fontWeight: FontWeight.w700, fontSize: 17.0, color: Colors.white | |
| 4 | Subtitle | Text | fontSize: 14.0,fontWeight: FontWeight.w500, color: Colors.white, | |
| 5 | Logo | Image | color: Colors.white, width: 5.0, borderRadius: BorderRadius.circular(150.0), | user.png |
| 6 | Phone Number | TextFormField | fontSize: 18 | Enter to change your display name |
| 7 | Answer | Button (Option) | option(id, questionDefind, phoneNumber,"Yes",100.0 ), SizedBox(width: 20.0,), option(id, questionDefind, phoneNumber,"No",100.0) | when onclick select the user's answer |
| 8 | Skip | Button (Option) | option(id,questionDefind,phoneNumber,"Skip",250.0) | when onclick skip question |