



CAPSTONE PROJECT 1

CMU-SE-450

INTERFACE DESIGN DOCUMENT

Version 1.1

Date: 15 - Nov - 2020

Green Big5 Information System

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Name

Signature

Date

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A handwritten signature in blue ink, appearing to read 'Ng/Binh', followed by a horizontal line.

_____31 - Nov- 2021

PROJECT 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.

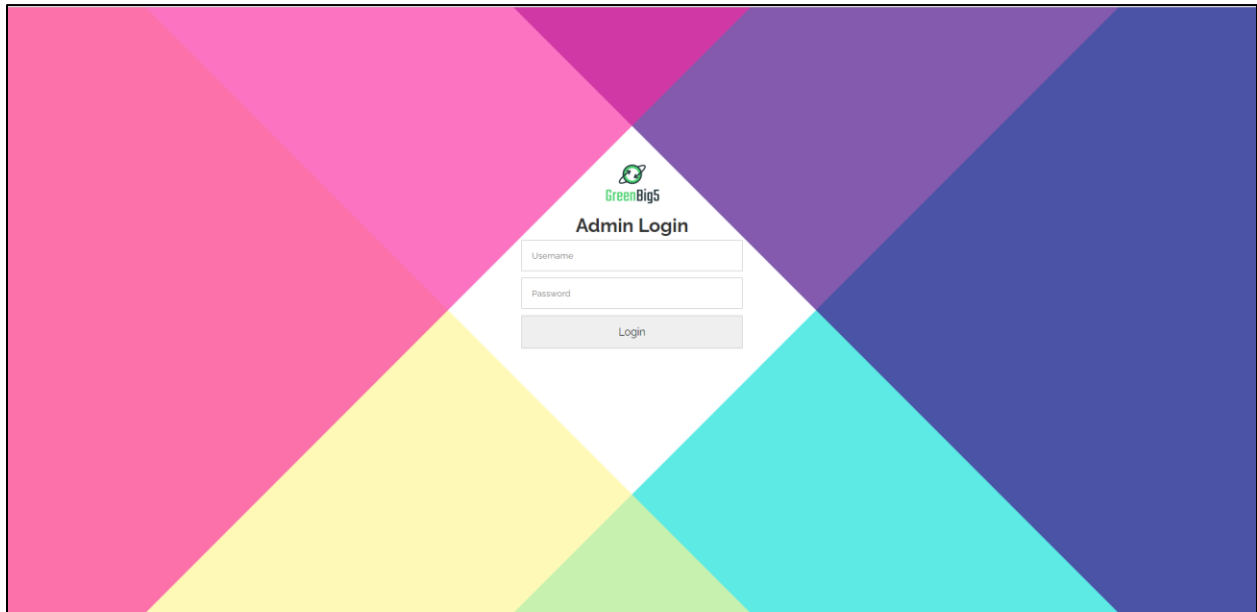
1.3. DOCUMENT OVERVIEW

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

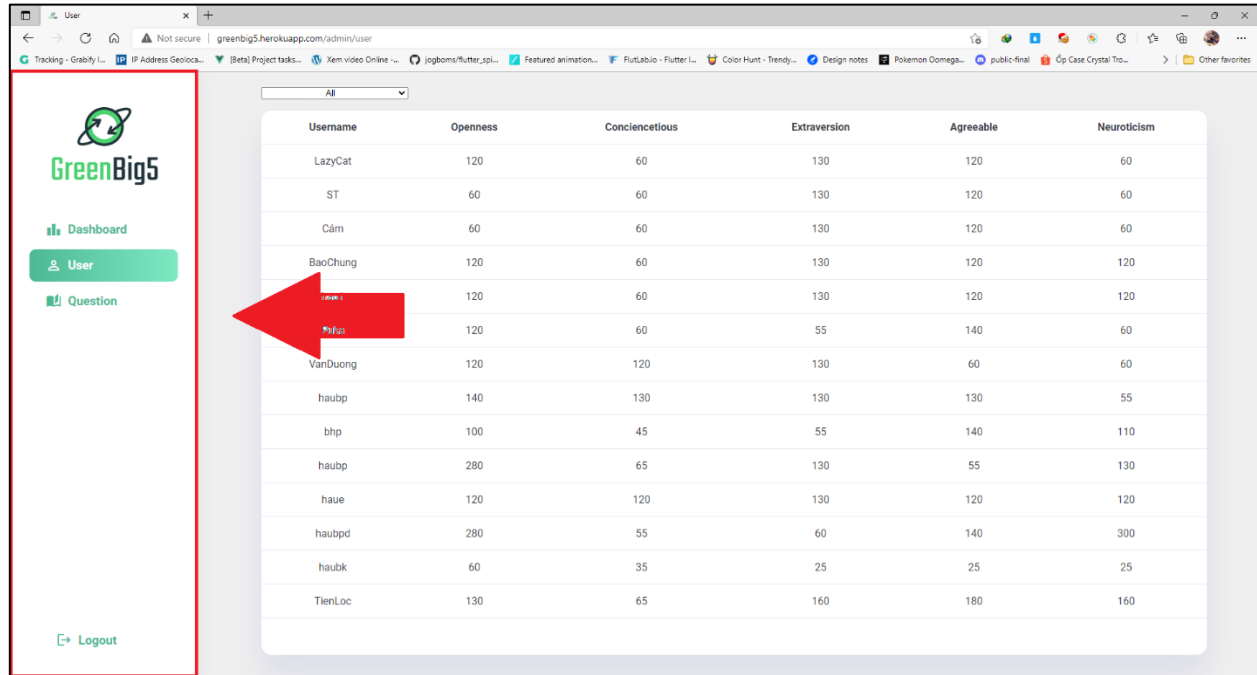
2.1. Loginpage




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

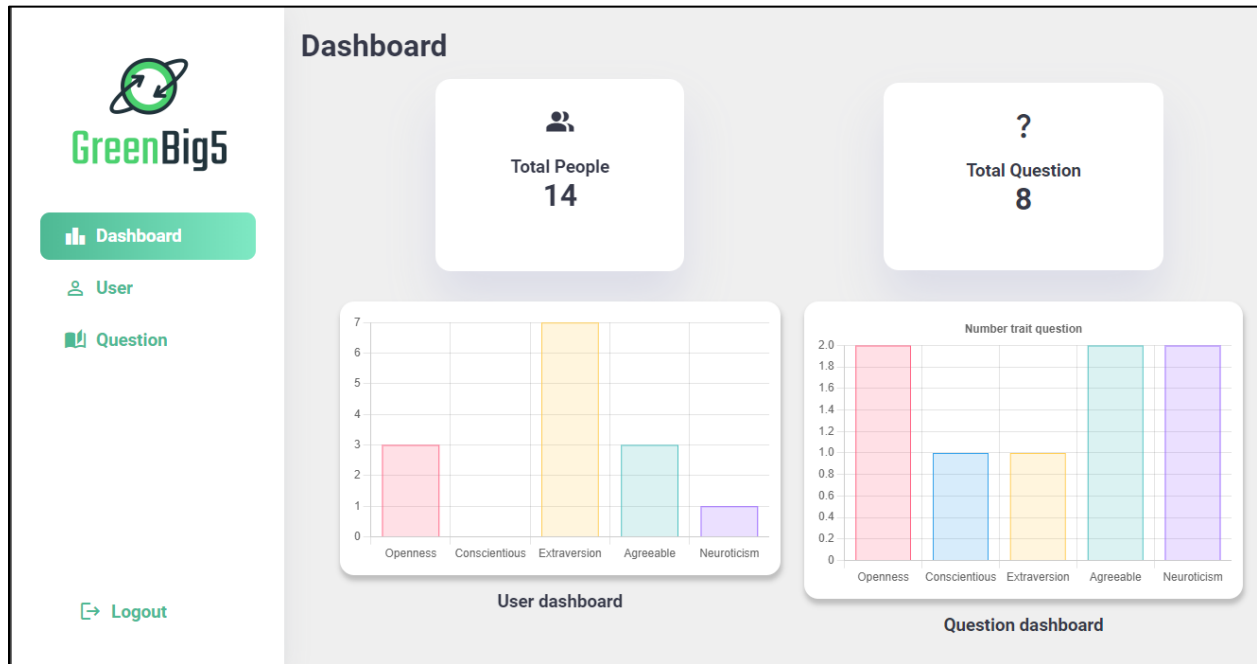
			transform: rotate(-135deg); background: #fa26a0;	
2	Header	H2 tag	Font-size: 1.2rem Color: #000000	
3	Email	Input tag	width: 100%; padding: 15px; margin: 5px; border-radius: 1px; border: 1px solid #ccc; font-family: inherit;	
4	Password	Input “password” tag	width: 100%; padding: 15px; margin: 5px; border-radius: 1px; border: 1px solid #ccc; font-family: inherit;	
5	Button	button	cursor: pointer; font-size: 1rem; hover: background-color: #28df99; color: #ffffff;	Redirect to /dashboard page
6	logo	image		logo_green.png

2.2. Sidebar



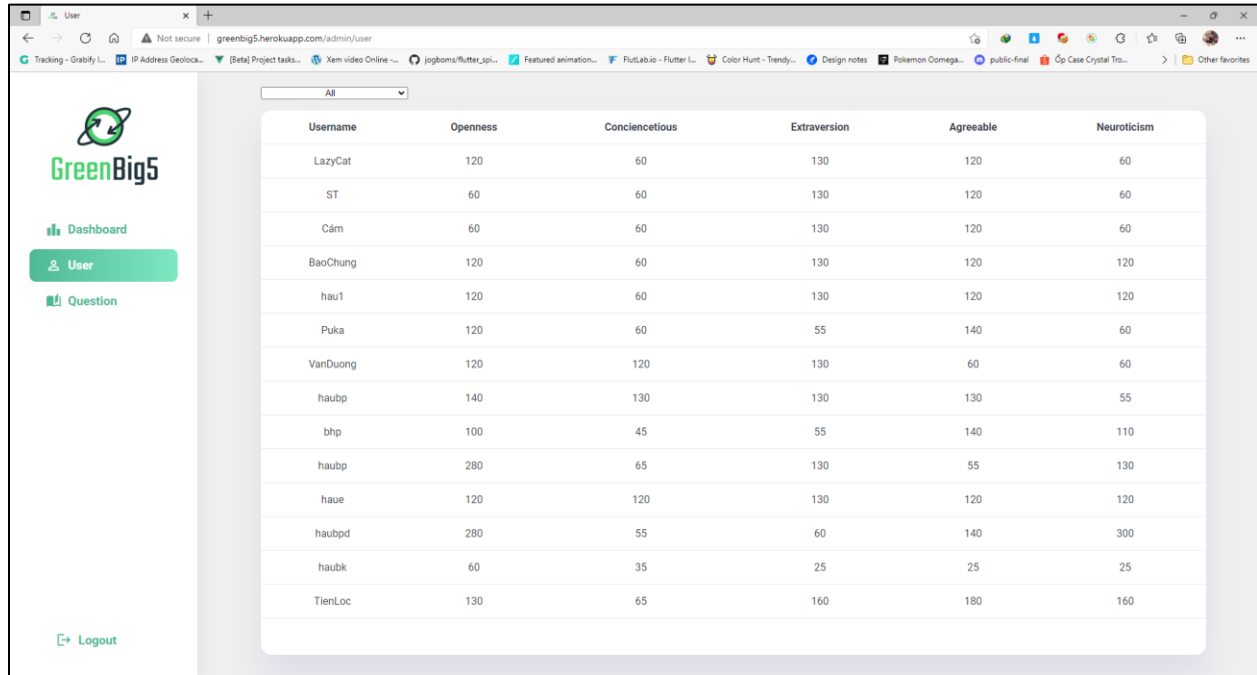
Sidebar				
No.	Field name	Type	Require	Target
1	Logo	image		logo_green.png
2	Menu	List & icon button	margin-top: 0.3rem; padding: 13px 25px; display: flex; align-items: center; font-weight: 600; transition: color 0.2s ease 0s; color: #4eb994; position: relative hover: color: #fff;	Dashboard, User, Question,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

2.3. Dashboard page



Dashboard page				
No.	Field name	Type	Require	Target
1	Header	H1	Color: #000000	
2	Card	div	background: var(--color-background); padding: 1.8rem; border-radius: 1rem; width: 48%; margin-top: 1rem; box-shadow: var(--box-shadow);	Total people, total questions
3	Column chart	div	margin-top: 2rem; height: 50%; width: 100%; background-color: white; padding: 12px; border-radius: 15px; box-shadow: 1px 5px 5px 1px rgb(0 0 0 / 20%);	

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; width: 90%; overflow-y: auto; height: 70vh; background:var(--color-background); border-radius: 1rem;	

2.5. Question Page

Questions

	Question	Indicator	Openness	Conscientious	Extraversion	Agreeable	Neuroticism
<input type="checkbox"/>	Do you like playing logic games?	Logic game	High	Low	Low	Low	Low
<input type="checkbox"/>	Do you like to play outdoor games?	outdoor games	Low	Low	High	Low	Low
<input type="checkbox"/>	Do you do something else while you and someone have an argument?	Manner	Low	Low	Low	Low	High
<input type="checkbox"/>	Are you detail-oriented?	detail-oriented	Low	High	Low	Low	Low

Input questions

Indicator:

Openness: Conscientious: Extraversion: Agreeable: Neuroticism:

High =
Medium =
Low =

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

Questions							
<input type="text" value="Aud"/>	Question Success	Indicator	Openness	Conscientious	Extraversion	Agreeable	Neuroticism
<input checked="" type="checkbox"/>	Do You usually lose your temper?	lose temper	Low	Medium	Low	Low	High
<input type="checkbox"/>	Do you do something else while you and someone have an argument?	do something else while you and someone have an argumen	Low	Low	Low	Low	High
<input type="checkbox"/>	Do you like an sexy girl?	Woman	High	Medium	Low	High	High
<input type="button" value="Send"/>							

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; border-radius: 1rem; border-bottom-right-radius: 1px; text-align: center; 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; cursor: pointer; color: #fff; background: #2d91da; 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 questions

Indicator:

Openness
Medium ▾

Conciencetious
Medium ▾

Extraversion
Medium ▾

Agreeable
Medium ▾

Neuroticism
Medium ▾

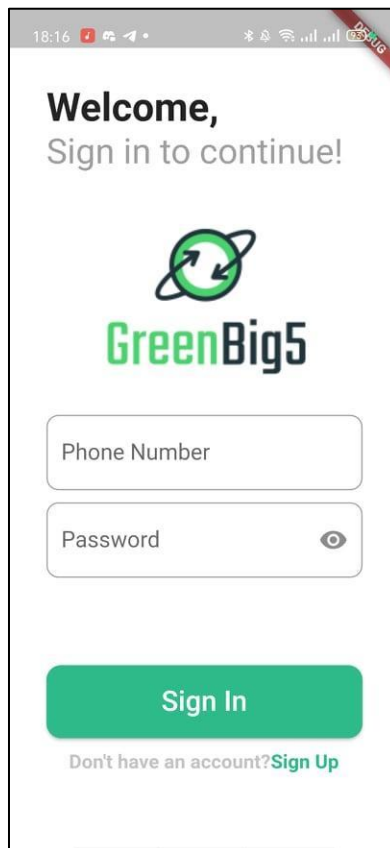
High =
Medium =
Low =

Input Question Form				
No.	Field name	Type	Require	Target

1	Header	H2	margin-bottom: 0.8rem;	
2	Input indicator	Input tag	width: 35%; 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

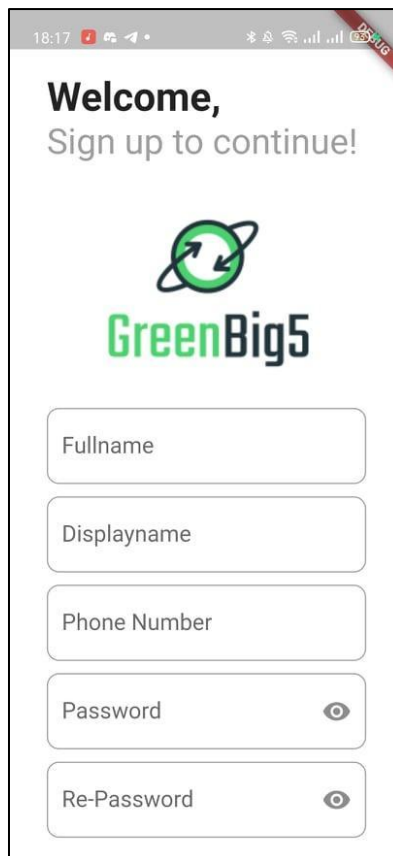
3.1. Sign In page



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.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

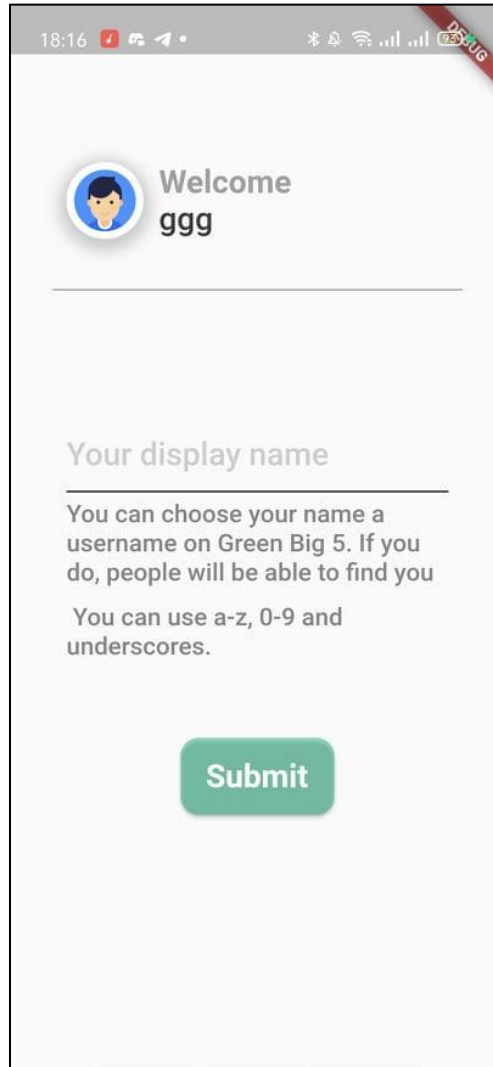
3.2. Signup page



The image shows a mobile application interface for the 'GreenBig5' app. At the top, the status bar shows the time 18:17 and various icons. The app's header displays 'Welcome, Sign up to continue!' in a sans-serif font. Below the header is the 'GreenBig5' logo, which consists of a green circular icon with two white arrows forming a loop, and the text 'GreenBig5' in a bold, sans-serif font. The main content area contains five input fields, each with a rounded rectangular border and a light gray background. The fields are labeled 'Fullname', 'Displayname', 'Phone Number', 'Password', and 'Re-Password'. The 'Password' and 'Re-Password' fields have a small eye icon to the right of the input area, indicating a toggle for password visibility. The entire form is set against a white background.

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:BorderRadiu s.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



18:16

Welcome
ggg

Your display name

You can choose your name a username on Green Big 5. If you do, people will be able to find you

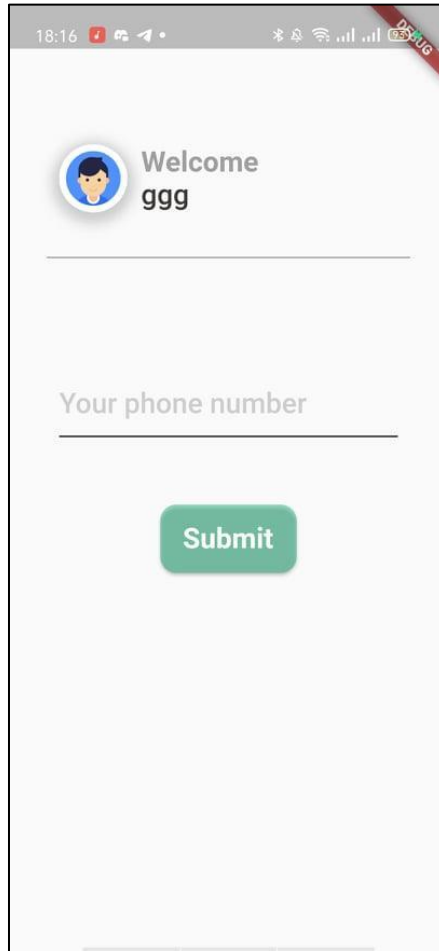
You can use a-z, 0-9 and underscores.

Submit

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

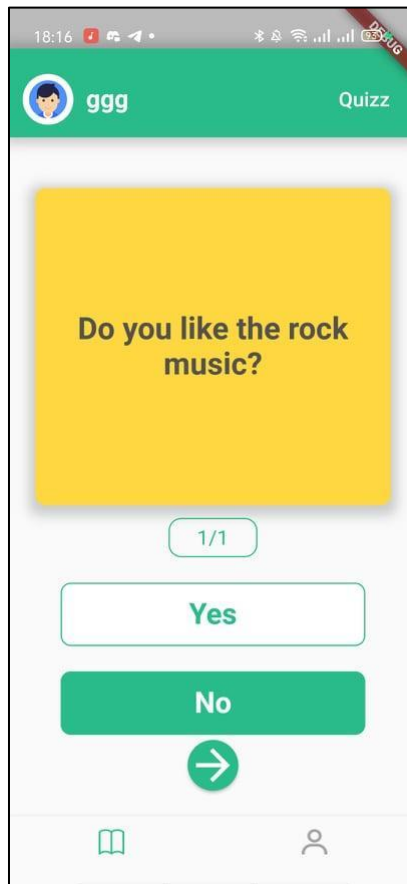
3.4. PhoneNumber page



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)	Qption(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