



CAPSTONE PROJECT 2

CMU-SE-451

INTERFACE DESIGN DOCUMENT

Version 1.2

Date: 7 – May - 2022

GreenBig5 Information System

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Name

Signature

Date

Nguyen Thanh Binh

A handwritten signature in blue ink, appearing to be 'Nguyen Thanh Binh', written over a horizontal line.

15.05.2022

PROJECT INFORMATION			
Project Acronym	GB5		
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End Date:			
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DOCUMENT INFORMATION	
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Author(s)	Team C2SE.32

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Access	Project and CMU Program		

REVISION HISTORY

Version	Person(s)	Date	Description	Approval
1.0	Kha	1-March-2022	Update Design UX/UI Web & app	x
1.1	Kha	8-April -2022	Update interface app	x
1.2	Kha	7-May-2022	Update interface web	x

TABLE OF CONTENTS

REVISION HISTORY	2
TABLE OF CONTENTS	3
1. INTRODUCTION	4
1.1.PURPOSE OF DOCUMENT	4
1.2.INTENDED AUDIENCES	4
1.3.DOCUMENT OVERVIEW	4
2. DETAILED INTERFACE WEB DESIGN	5
2.1.Loginpage	5
2.2.Sidebar	7
2.3.Dashboard page	8
2.4. User page	10
3. DETAILED INTERFACE APPLICATION DESIGN	11
3.1. Sign In page	11
3.2. Signup page	13
3.3. User information page	15
3.4. Change DisplayName, PhoneNumber page	17
3.5. Question page	19
3.5. Logout	21
4. DETAILED INTERFACE QUESTION WEB DESIGN	23
4.1 Home page	23
4.2 Navbar	24
4.3 Notification	25

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.

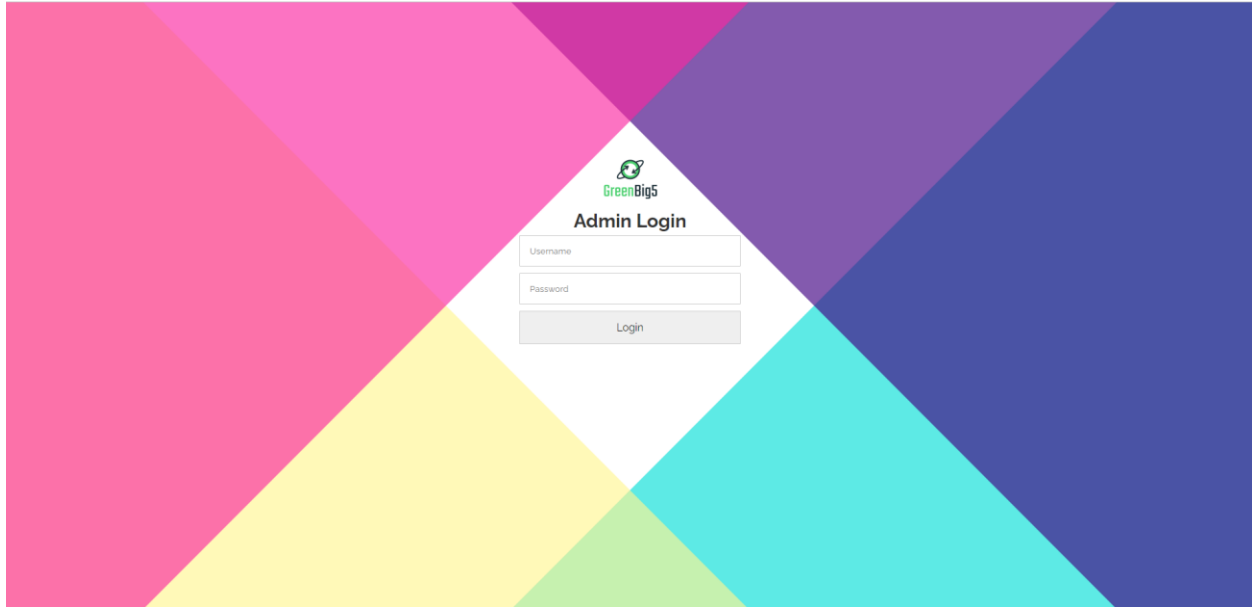
1.3. DOCUMENT OVERVIEW

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

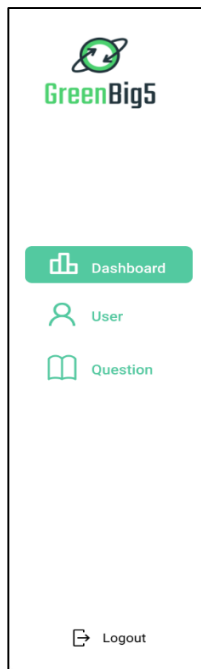
2.1. Login page




Login page				
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 { transform: rotate(-135deg);</pre>	

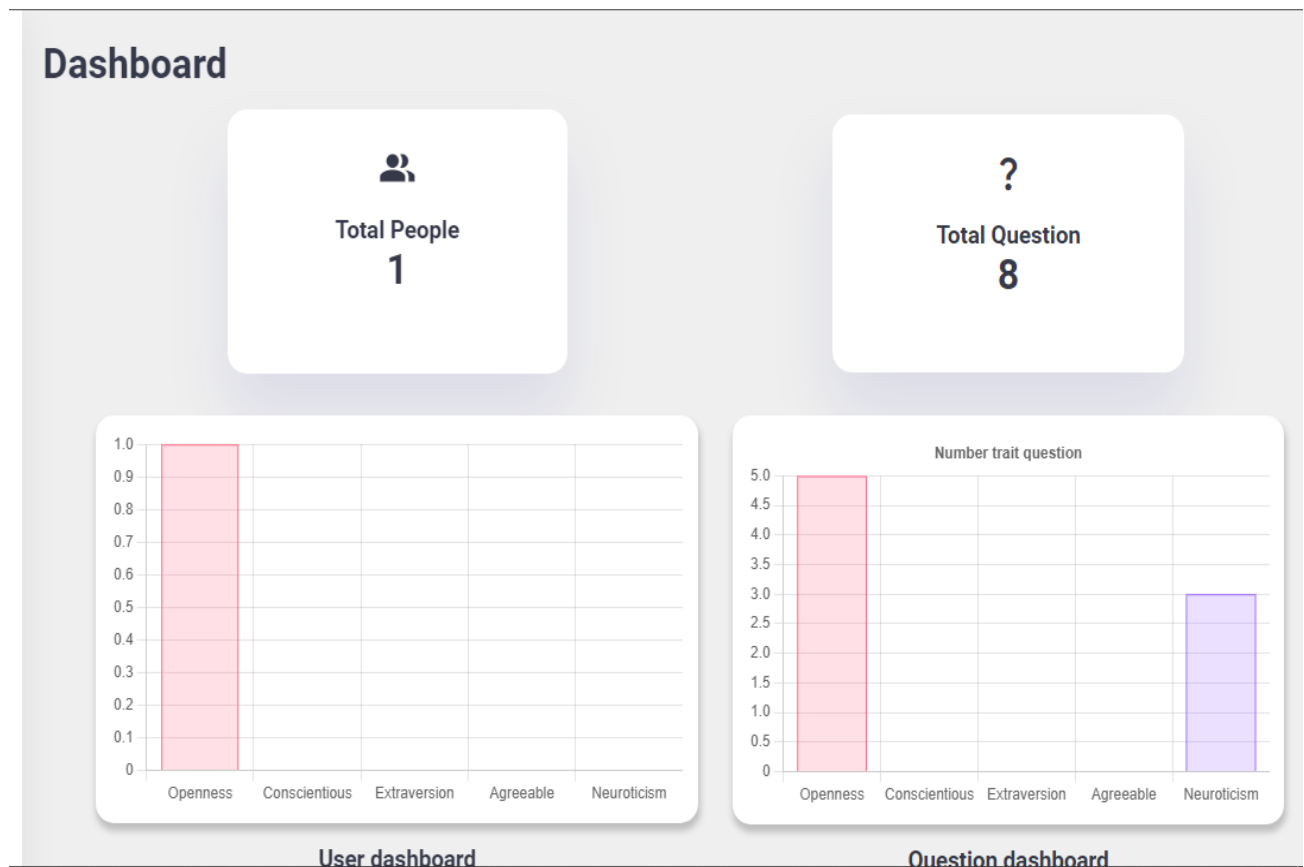
			background: #fa26a0;	
2	Header	H2 tag	Font-size: 1.2rem Color: #000000	
3	Email	Input tag	width: 100%; padding: 15px; margin: 5px; border-radius: 1px; border: 1px solid #ccc; font-family: inherit;	
4	Password	Input “password” tag	width: 100%; padding: 15px; margin: 5px; border-radius: 1px; border: 1px 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%);	
4	Pie Chart	div	Display: flex display: block; box-sizing: border-box; height: 464px; width: 464px;	

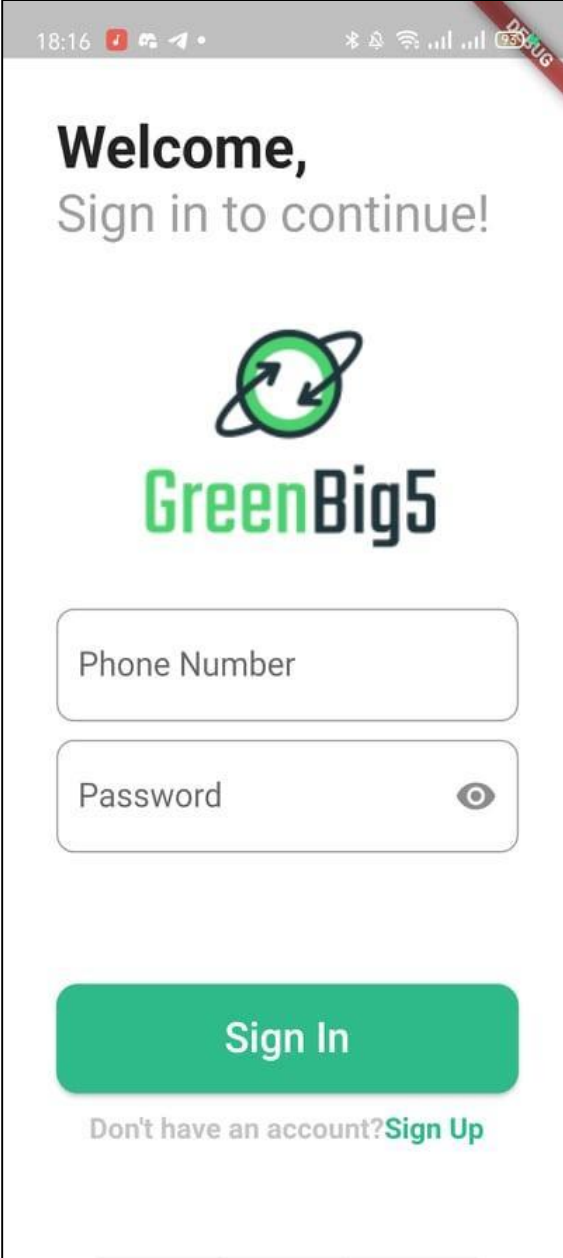
2.4. User page

Username	Openness	Conciencetious	Extraversion	Agreeable	Neuroticism
LazyCat	120	60	130	120	60
ST	60	60	130	120	60
Cám	60	60	130	120	60
BaoChung	120	60	130	120	120
hau1	120	60	130	120	120
Puka	120	60	55	140	60
VanDuong	120	120	130	60	60
haubp	140	130	130	130	55
bhp	100	45	55	140	110
haubp	280	65	130	55	130
haue	120	120	130	120	120
haubpd	280	55	60	140	300
haubk	60	35	25	25	25
TienLoc	130	65	160	180	160

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;	

3. DETAILED INTERFACE APPLICATION DESIGN


3.1. Sign In page




The image shows a mobile application interface for a sign-in page. At the top, there is a status bar with the time 18:16, a battery icon, and a signal strength indicator. Below the status bar, the text "Welcome, Sign in to continue!" is displayed. The GreenBig5 logo, which consists of a green circle with a black arrow and the text "GreenBig5", is centered. Below the logo, there are two input fields: "Phone Number" and "Password". The "Password" field has an eye icon to its right. Below the input fields, there is a green button labeled "Sign In". At the bottom, there is a link that says "Don't have an account? Sign Up".

18:16

Welcome,
Sign in to continue!


GreenBig5

Phone Number

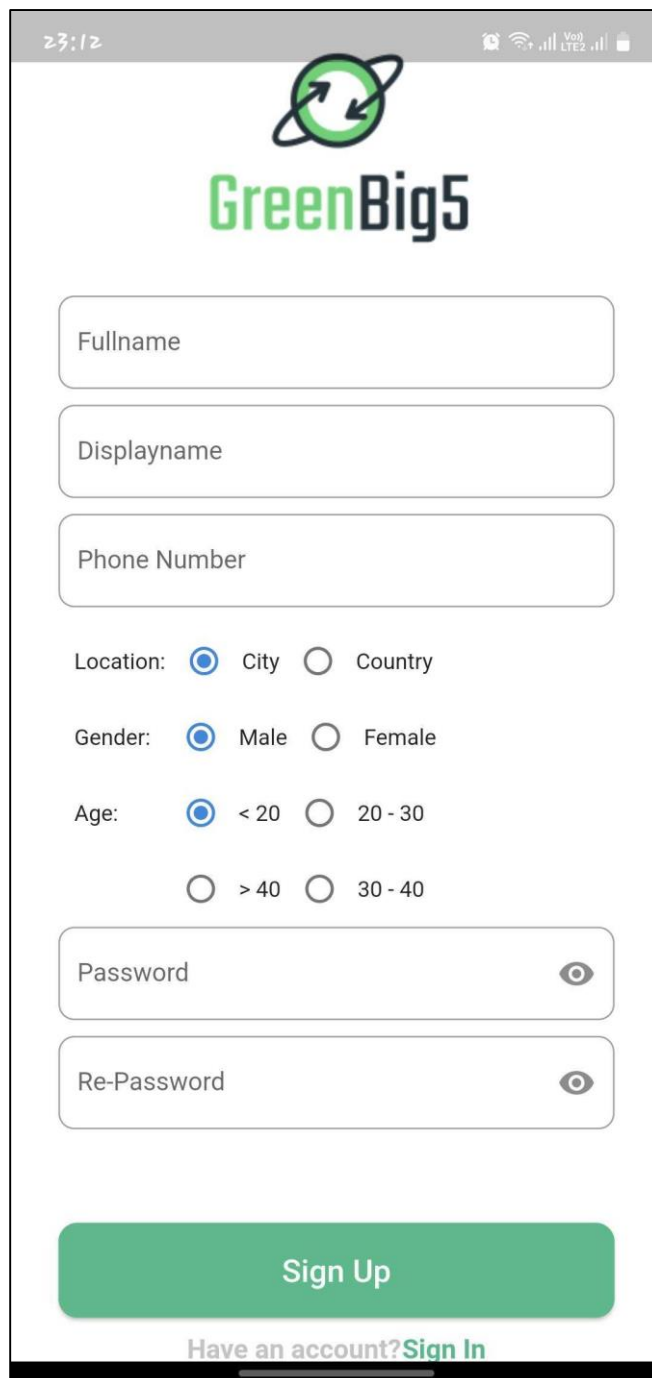
Password 

Sign In


Don't have an account? [Sign Up](#)

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 information	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



23:12


GreenBig5

Fullname


Displayname


Phone Number

Location: ☒ City ☐ Country

Gender: ☒ Male ☐ Female

Age: ☒ < 20 ☐ 20 - 30
☐ > 40 ☐ 30 - 40

Password 

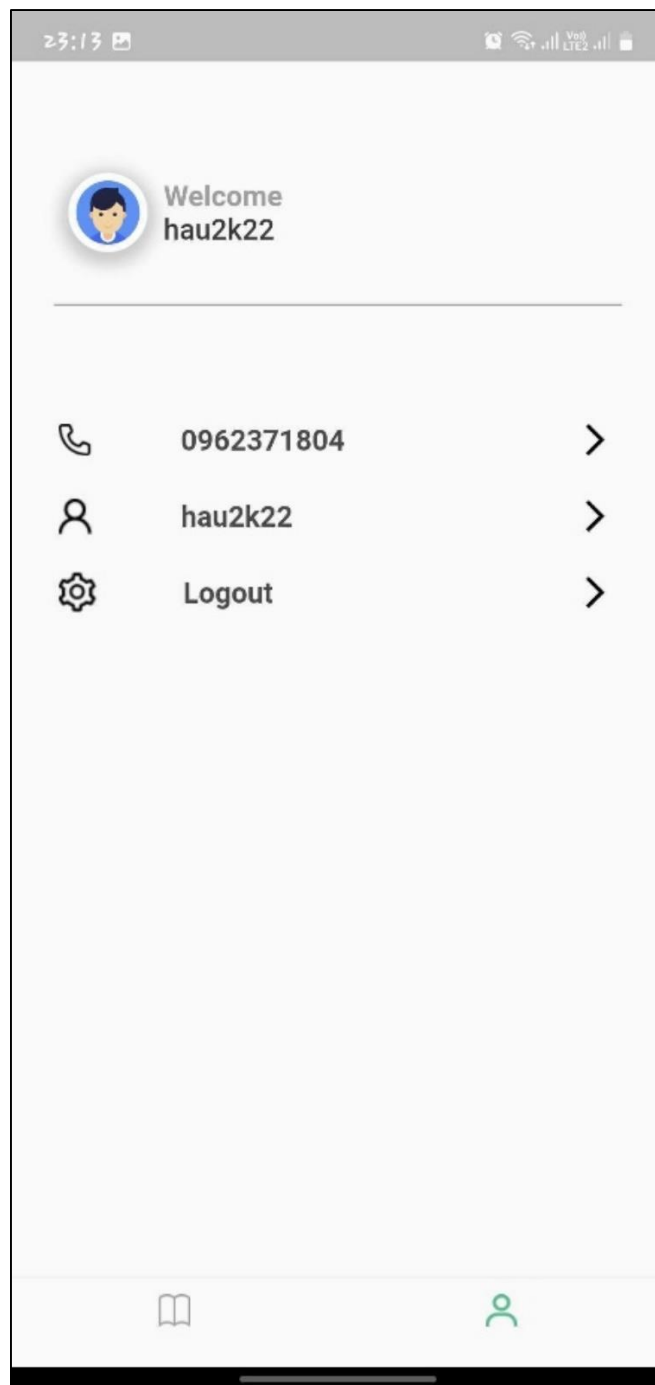
Re-Password 

Sign Up

Have an account? [Sign In](#)

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 information	TextFormField	borderRadius:BorderRadius.circular(10.0)),	Full Name, Display Name,Phone number, password, Repassword
6	Radio	Radio Class	Radio<SingingCharacter >	(Location,Gender, Age). When you click you can change the properties you want
7	Button	Button	fontSize: 20.0, HexColor("#2FBB89") borderRadius: BorderRadius.circular(12.0),	when onclick it go through the login process





3.3. User information page




Input Question Form				
No.	Field name	Type	Require	Target
1	Background		backgroundColor: Colors.grey,	
2	Subtitle	Text	color: Colors.Gray, fontSize: 24.0,fontWeight: Bold.	
3	Name	Text	color: Colors.black, fontSize: 22.0,fontWeight: Bold.	
4	Logo User	Image	color: Colors.white, width: 5.0	user.png
5	Change_title	Text	fontSize: 18	
6	Icon	Icons class	fontSize: 18	
7	Icon_active	Icons class	fontSize: 18	When clicked will trigger the preset action

3.4. Change DisplayName, PhoneNumber page

15:02





Welcome
hau2k22





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

15:01





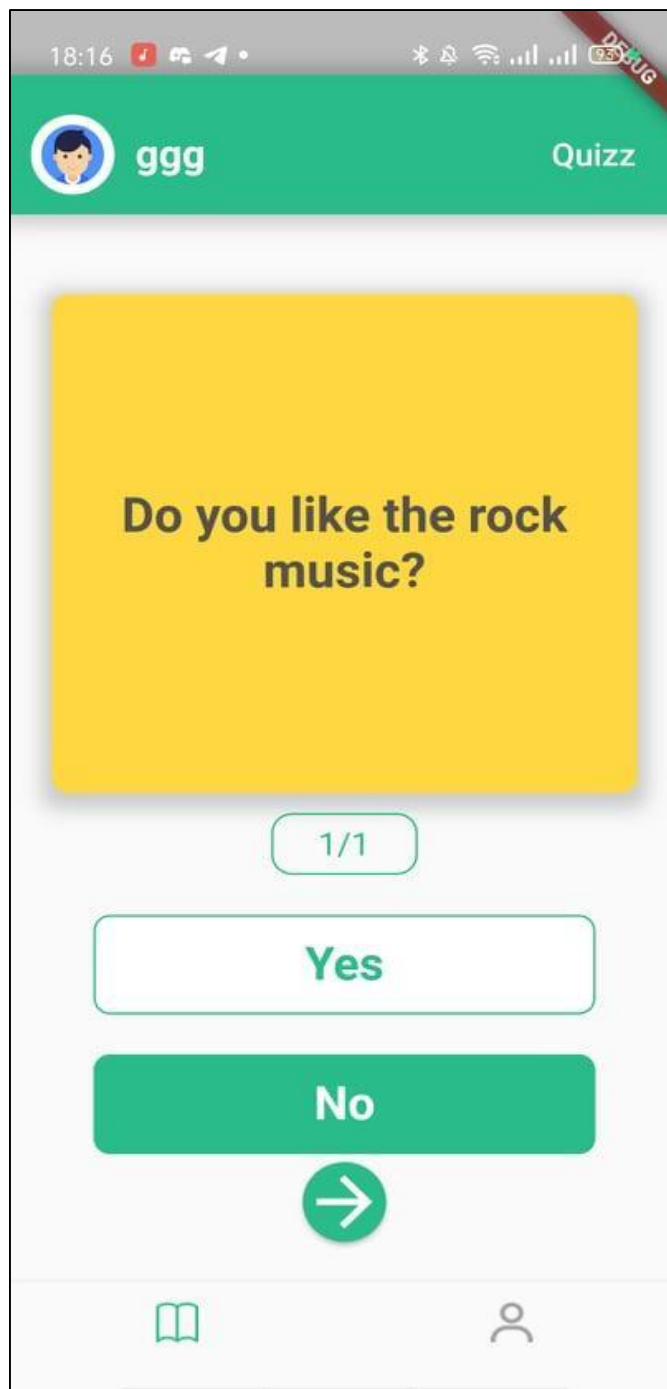
Welcome
hau2k22

Your phone number

Submit

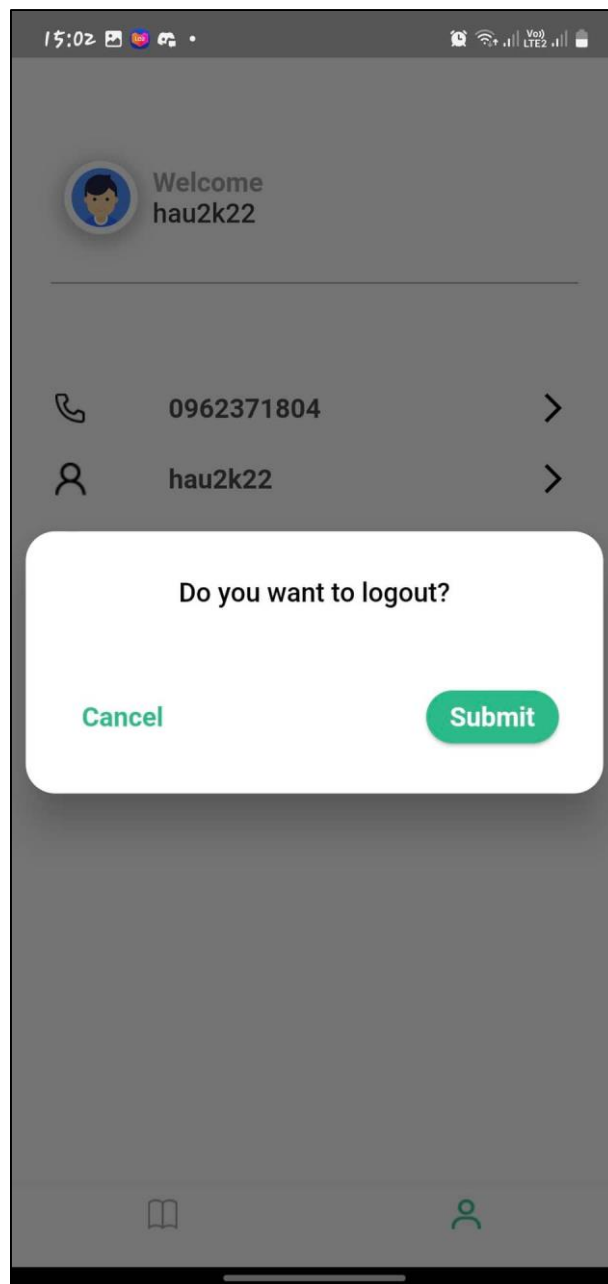
Input Question Form				
No.	Field name	Type	Require	Target
1	Background		backgroundColor: Colors.grey,	
3	Subtitle	Text	color: Colors.black, fontSize: 24.0,	
4	Logo	Image	color: Colors.white, width: 5.0	user.png
5	Change form	TextFormField	fontSize: 18	Enter to change your change information
6	Button	Button	fontSize: 20.0, HexColor("#2FBB89") borderRadius: BorderRadius.circular(1 2.0),	When onclick it change display name, phone number

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

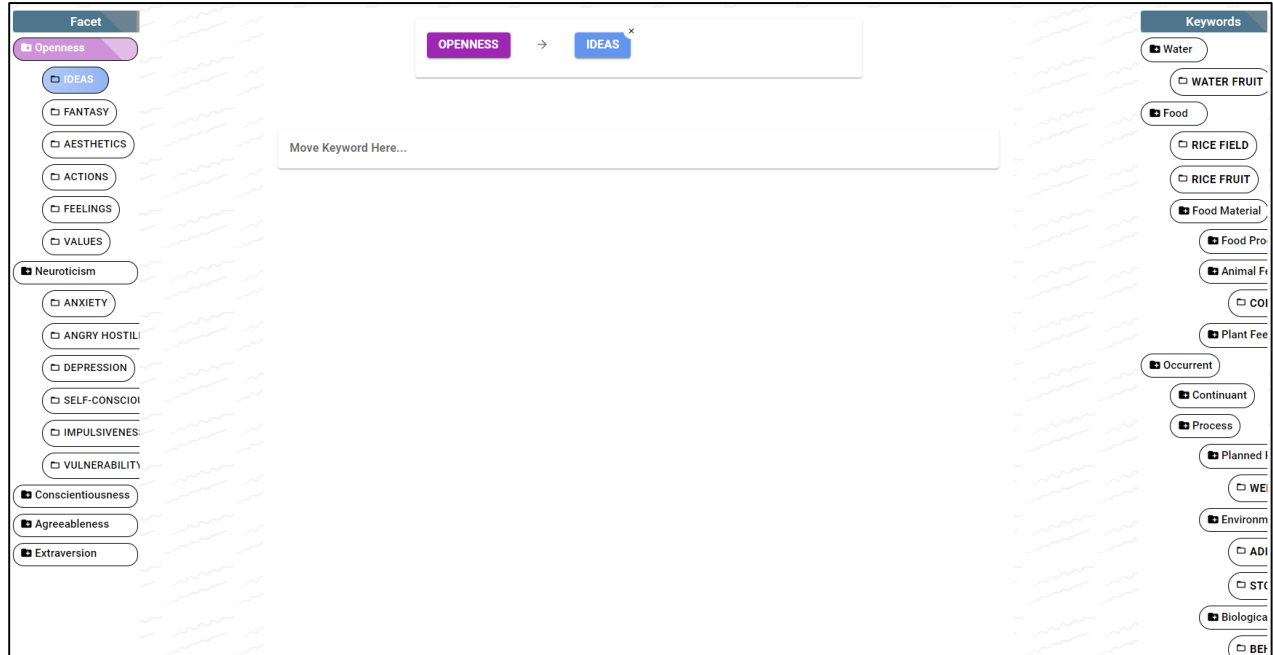
3.5. Logout



Input Question Form				
No.	Field name	Type	Require	Target
1	Background		backgroundColor: Colors.white,	
2	Title	Text	fontSize: 14.0, fontWeight: FontWeight.w500, color: Colors.white,	
3	Cancel	Button	fontSize: 18, FontWeight.w500, color: (“#2FBB89”)	When onclick will exit the logout
4	Submit	Button	fontSize: 18, color: Colors.white, HexColor(“#2FBB89”) borderRadius: BorderRadius.circular(1 2.0),	When onclick will submit the logout

4. DETAILED INTERFACE QUESTION WEB DESIGN

4.1 Home page




Input Question Form				
No.	Field name	Type	Require	Target
1	Background		backgroundColor: rgb(255, 255, 255)	
2	Tree data	Ul tag	display: block !important; transition: all 2s; border-radius: 50%; font-size: 14, font-weight: 500;	Facet, Keywords
3	Button	Button	border-radius: 50%; font-size: 14, font-weight: 500;	When onclick the data will drop down & move the button to the middle position to create a data tree

4.2 Navbar

Input Question Form				
No.	Field name	Type	Require	Target
1	Background		-webkit-box-flex: 1; flex-grow: 1; background-image: url(https://ak.picdn.net/s-hutterstock/videos/10205426/thumb/1.jpg); background-repeat:no-repeat; background-size: cover; background-position: right center; padding: 0px;	
2	Tittle	Text	Color: #ffffff fontsize: 20, font-weight: 500;	
3	Notification	Button	fontsize: 14,	When onclick the notification will drop down

4.3 Notification

Notification

 Search...

Is the order of the water fruit true or false?

Location

City

Gender

Male

Age

< 20

Conscientiousness -> Order -> Water Fruit

Number User: 0
Total Answer: 1
Output Model: ?

RESULT

Is the rice field the same as a school?

Location

City

Gender

Male

Age

< 20

Openness -> Ideas -> Rice Field

Number User: 0
Total Answer: 1
Output Model: ?

RESULT

Is there such thing as a rice field?

Input Question Form				
No.	Field name	Type	Require	Target
1	Background		background-color: rgb(255, 255, 255); color: rgba(0, 0, 0, 0.87); transition: box-shadow 300ms cubic-bezier(0.4, 0, 0.2, 1) 0ms; border-radius: 4px; box-shadow: rgb(0 0 0 / 20%) 0px 5px 5px -3px, rgb(0 0 0 / 14%) 0px 8px 10px 1px, rgb(0 0 0 / 12%) 0px 3px 14px 2px; position: absolute; overflow: hidden auto; min-width: 16px; min-height: 16px; max-width: calc(100% - 32px); max-height: calc(100% - 32px); outline: 0px;	
2	Tittle	Text	color: #001188 !important; padding: 5px; font-size: 24px !important; font-family: 'Noto Sans', sans-serif !important; margin-left: 10px !important;	
3	Search	Text field, Button	padding: 8px 8px 8px calc(1em + 32px); transition: width 300ms cubic-bezier(0.4, 0, 0.2, 1) 0ms	When type will automatically search by keyword
4	Question information	Select tag	appearance: none; user-select: none; border-radius: 4px; cursor: pointer; font: inherit; letter-spacing: inherit; color: currentcolor;	Location, Gender, Age When onclick the (Location, Gender,

			border: 0px; box-sizing: content-box; background: none; height: 1.4375em; margin: 0px; -webkit-tap-highlight-color: transparent; display: block; min-width: 0px; width: 100%; animation-name: mui-auto-fill-cancel; animation-duration: 10ms; padding: 16.5px 14px;	Age) select the state you need to change
--	--	--	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------