

**CEBU INSTITUTE OF TECHNOLOGY
UNIVERSITY**

COLLEGE OF COMPUTER STUDIES



Project Report for Increment 2

for

“Tarabaho: Tara Trabaho”

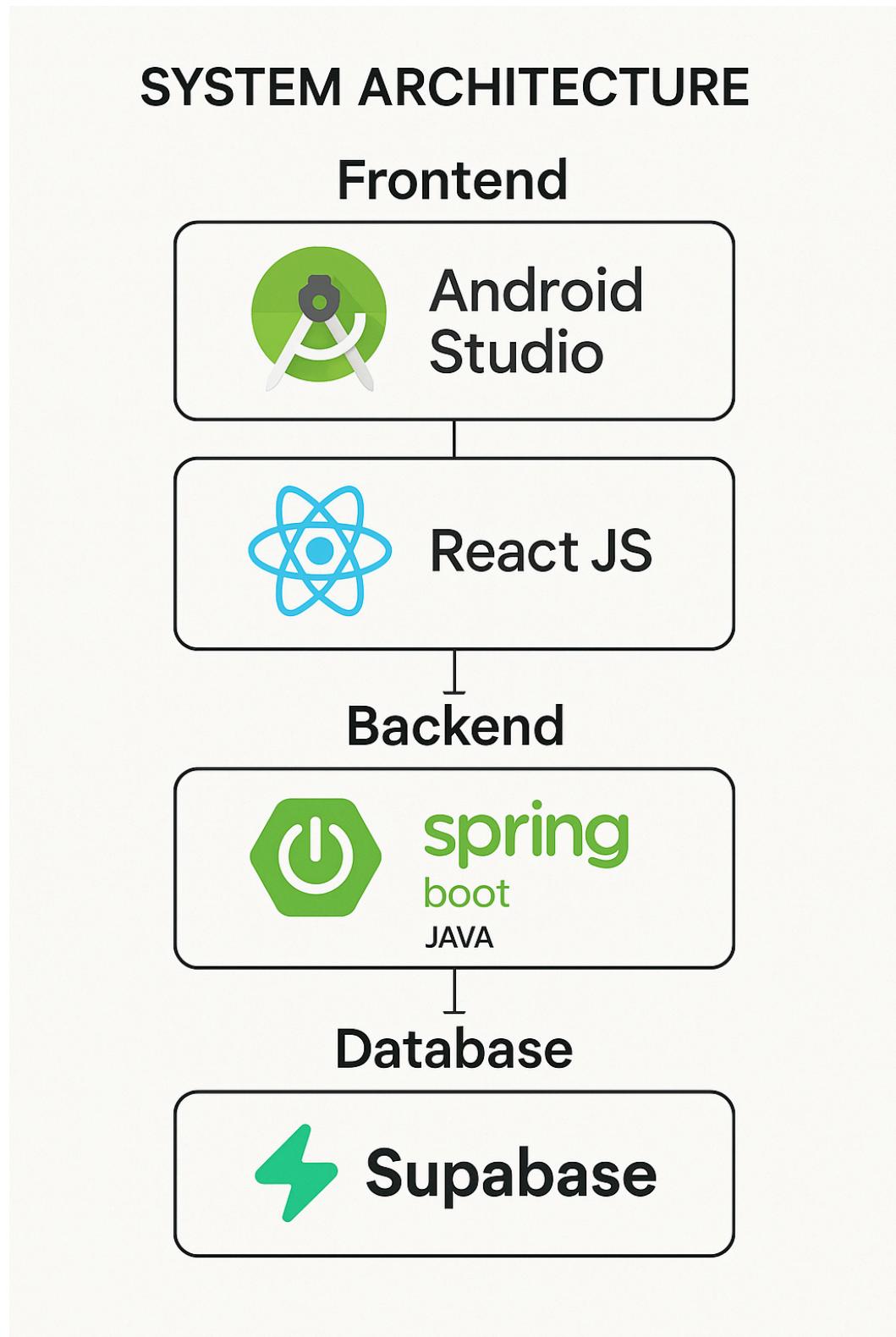
Prepared by:

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- System Architecture Diagram



- API Documentation (e.g., using Swagger or Postman).

POST /api/worker/register Register new worker ^

Registers a new worker in the system

Parameters Try it out

No parameters

Request body required application/json

Example Value | Schema

```
{  
  "id": 0,  
  "name": "string",  
  "username": "string",  
  "password": "string",  
  "email": "string",  
  "phoneNumber": "string",  
  "birthday": "2025-04-11"  
}
```

Responses

Code	Description	Links
200	Worker registered successfully	No links

Media type

/

Control Accept header.

Example Value | Schema

```
{  
  "id": 0,  
  "name": "string",  
  "username": "string",  
  "password": "string",  
  "email": "string",  
  "phoneNumber": "string",  
  "birthday": "2025-04-11"  
}
```

POST /api/worker/login Login worker [^](#)

Authenticate a worker using username and password

Parameters

No parameters

Request body required [Try it out](#) [application/json](#)

[Example Value](#) | [Schema](#)

```
{  
  "id": 0,  
  "name": "string",  
  "username": "string",  
  "password": "string",  
  "email": "string",  
  "phoneNumber": "string",  
  "birthday": "2025-04-11"  
}
```

Responses

Code	Description	Links
200	Worker logged in successfully	No links
	Media type /	
	Content Accept header.	
	Example Value Schema	
	{ "id": 0, "name": "string", "username": "string", "password": "string", "email": "string", "phoneNumber": "string", "birthday": "2025-04-11" }	
401	Invalid credentials	No links
	Media type	

GET /api/worker/all Get all workers ^

Retrieve a list of all registered workers

Parameters

No parameters

Try it out

Responses

Code	Description	Links
200	List of workers returned successfully	No links

Media type: /

Content Accept header.

Example Value | Schema

```
[  
  {  
    "id": 0,  
    "name": "string",  
    "username": "string",  
    "password": "string",  
    "email": "string",  
    "phoneNumber": "string",  
    "birthday": "2025-04-11"  
  }  
]
```

DELETE /api/worker/{id} Delete worker ^

Deletes a worker by ID

Parameters

Name Description

Try it out

Responses

Code	Description	Links
200	Worker deleted successfully	No links

POST /api/admin/register Register a new admin

Creates a new admin account

Parameters

No parameters

Request body required

application/json

Admin details

Example Value | Schema

```
{
  "id": 0,
  "name": "string",
  "username": "string",
  "password": "string",
  "email": "string"
}
```

Responses

Code	Description	Links
200	Admin registered successfully	No links
400	Invalid admin input	No links

Media type

/

Contains Accept header.

Example Value | Schema

```
{
  "id": 0,
  "name": "string",
  "username": "string",
  "password": "string",
  "email": "string"
}
```

POST /api/admin/login Admin login ^

Authenticate an admin using username and password

Parameters

No parameters

Request body required Try it out application/json

Login credentials

Example Value | Schema

```
{ "username": "string", "password": "string" }
```

Responses

Code	Description	Links
200	Admin logged in successfully	No links
	Media type	
	/	
	Controls Accept header.	
	Example Value Schema	
	{ "id": 0, "name": "string", "username": "string", "password": "string", "email": "string" }	
401	Invalid username or password	No links

GET /api/admin/all Get all admins

Returns a list of all registered admins

Parameters

No parameters

Responses

Code	Description	Links
200	List of admins returned	No links

Media type

Content Accept header:

Example Value | Schema

```
[  
  {  
    "id": 8,  
    "name": "string",  
    "username": "string",  
    "password": "string",  
    "email": "string"  
  }  
]
```

DELETE /api/admin/delete/{id} Delete admin

Deletes an admin by their ID

Parameters

Name Description

id * required ID of the admin to delete
`integer($int64) id (path)`

Responses

Code	Description	Links
200	Admin deleted successfully	No links
404	Admin not found	No links

Media type

Content Accept header:

Example Value | Schema

```
0
```

GET /oauth2-success Handle Google OAuth2 login success

Registers a new user if not yet in the database, then redirects to user home

Parameters

No parameters

Responses

Code	Description	Links
302	Redirects to frontend (home or failure)	No links
500	Server error during processing	No links

Try it out

PUT /api/user/update-phone Update phone number

Updates the phone number for the currently logged-in user

Parameters

No parameters

Request body required

application/json

Example Value | Schema

```
{ "phoneNumber": "string" }
```

Responses

Code	Description	Links
200	Phone number updated	No links
404	User not found	No links

Media type

Content Accept header:

Example Value | Schema

```
string
```

Media type

Content Accept header:

Example Value | Schema

```
string
```

POST /api/user/register Register a new user

Registers a new user after checking for uniqueness

Parameters

No parameters

Request body required

application/json

Example Value | Schema

```
{
  "id": 0,
  "name": "string",
  "username": "string",
  "password": "string",
  "email": "string",
  "phoneNumber": "string",
  "birthday": "2025-04-11"
}
```

Responses

Code	Description	Links
200	User registered successfully	<small>No links</small>
	Media type	
	<input type="text" value="application/json"/> ▼	
	Content-type header:	
	<small>Example Value Schema</small>	
	{}	
400	Username, email, or phone already exists	<small>No links</small>
	Media type	
	<input type="text" value="application/json"/> ▼	
	Content-type header:	
	<small>Example Value Schema</small>	
	{}	

POST /api/user/logout Logout user ^

Logs out the currently authenticated user

Parameters

No parameters [Try it out](#)

Responses

Code	Description	Links
200	User logged out successfully	No links
500	Logout failed	No links

Media type: [/](#) ▾

Example Value | Schema

0

Media type: [/](#) ▾

Example Value | Schema

0

POST /api/user/login Login user

Authenticate user with username and password

Parameters

No parameters

Request body required

application/json

Example Value | Schema

```
{
  "id": 0,
  "name": "string",
  "username": "string",
  "password": "string",
  "email": "string",
  "phoneNumber": "string",
  "birthday": "2025-04-11"
}
```

Responses

Code	Description	Links
200	User logged in successfully	No links
401	Invalid username or password	No links

Media type

Content Accept header:

Example Value | Schema

```
0
```

GET /api/user/me Get current logged-in user

Returns the user info of the authenticated Google OAuth user

Parameters

No parameters

Responses

Code	Description	Links
200	User retrieved successfully	No links

Media type

Content Accept header:

Example Value | Schema

```
{
  "id": 0,
  "name": "string",
  "username": "string",
  "password": "string",
  "email": "string",
  "phoneNumber": "string",
  "birthday": "2025-04-11"
}
```

GET /api/user/all Get all users ^

Retrieve a list of all registered users

Parameters Try it out

No parameters

Responses

Code	Description	Links
200	List of users returned successfully	No links

Media type: /

Controls Accept header.

Example Value | Schema

```
[  
  {  
    "id": 0,  
    "name": "string",  
    "username": "string",  
    "password": "string",  
    "email": "string",  
    "phoneNumber": "string",  
    "birthday": "2025-04-11"  
  }  
]
```

DELETE /api/user/{id} Delete user ^

Deletes a user by ID

Parameters

Try it out

Name	Description
id <small>required</small>	<code>integer(\$int64)</code> <i>(path)</i>

Responses

Code	Description	Links
200	User deleted successfully	No links

Schemas ^

PhoneUpdateRequest > ↵

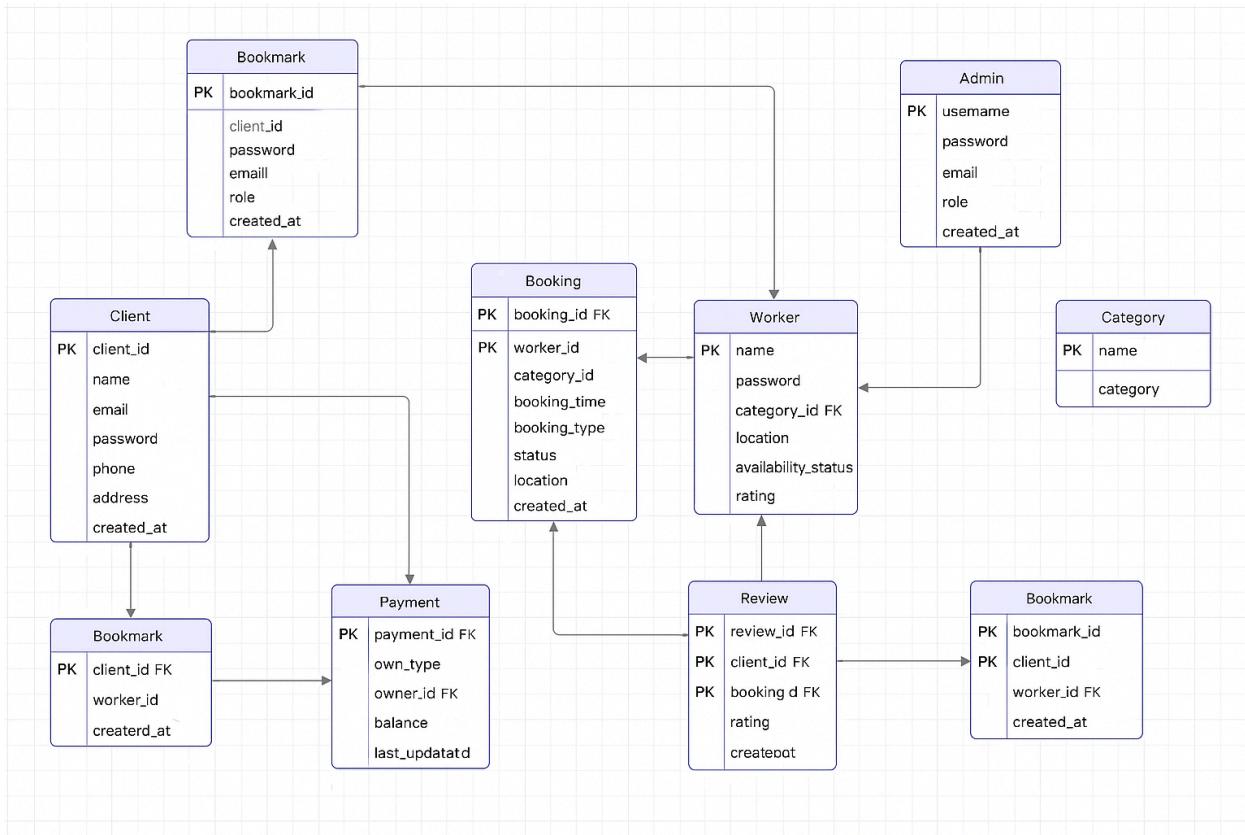
Worker > ↵

User > ↵

Admin > ↵

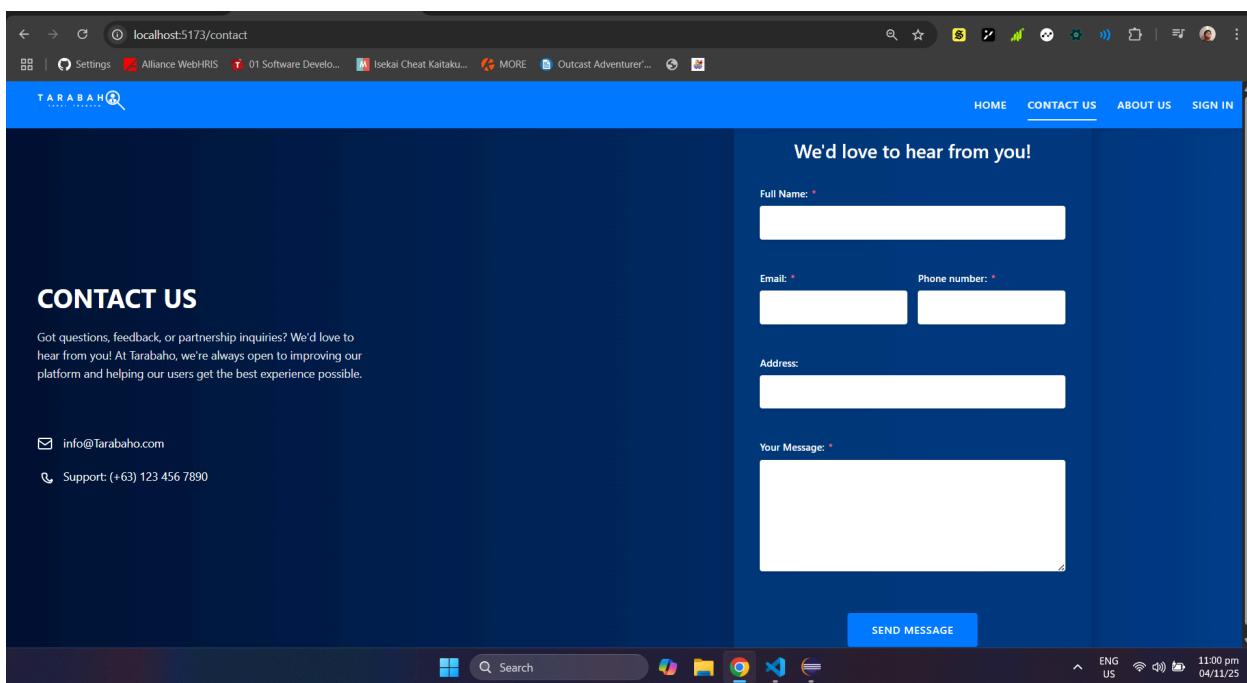
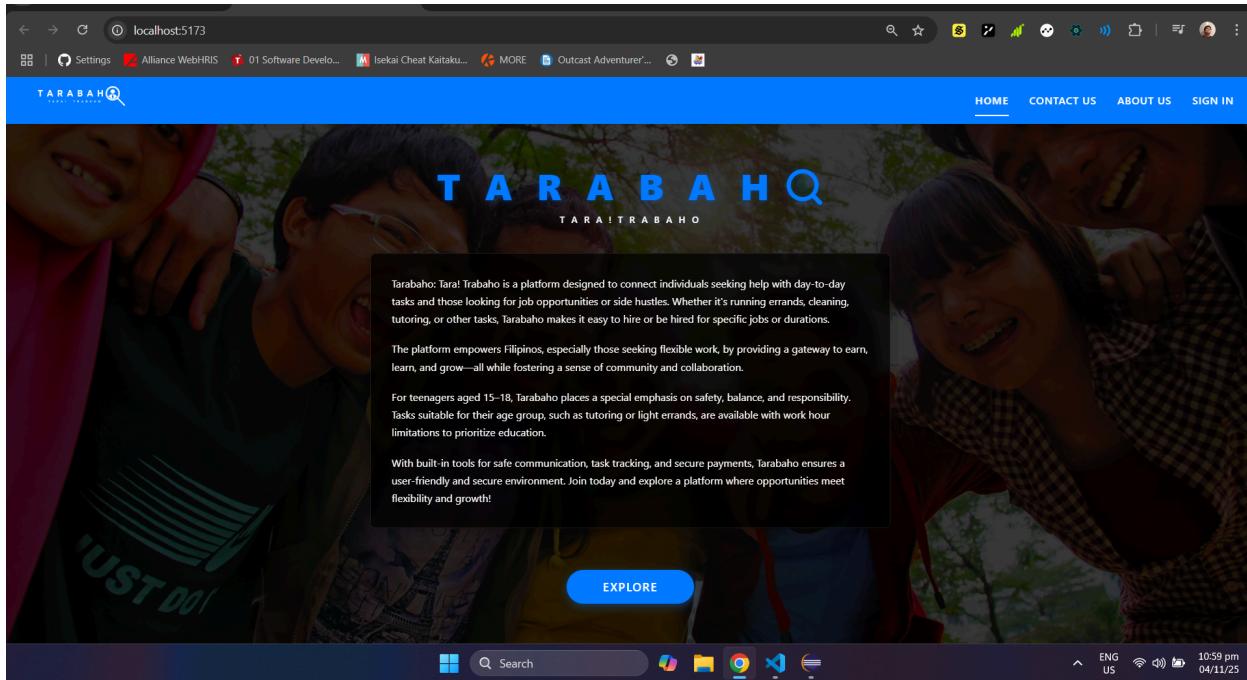
LoginRequest > ↵

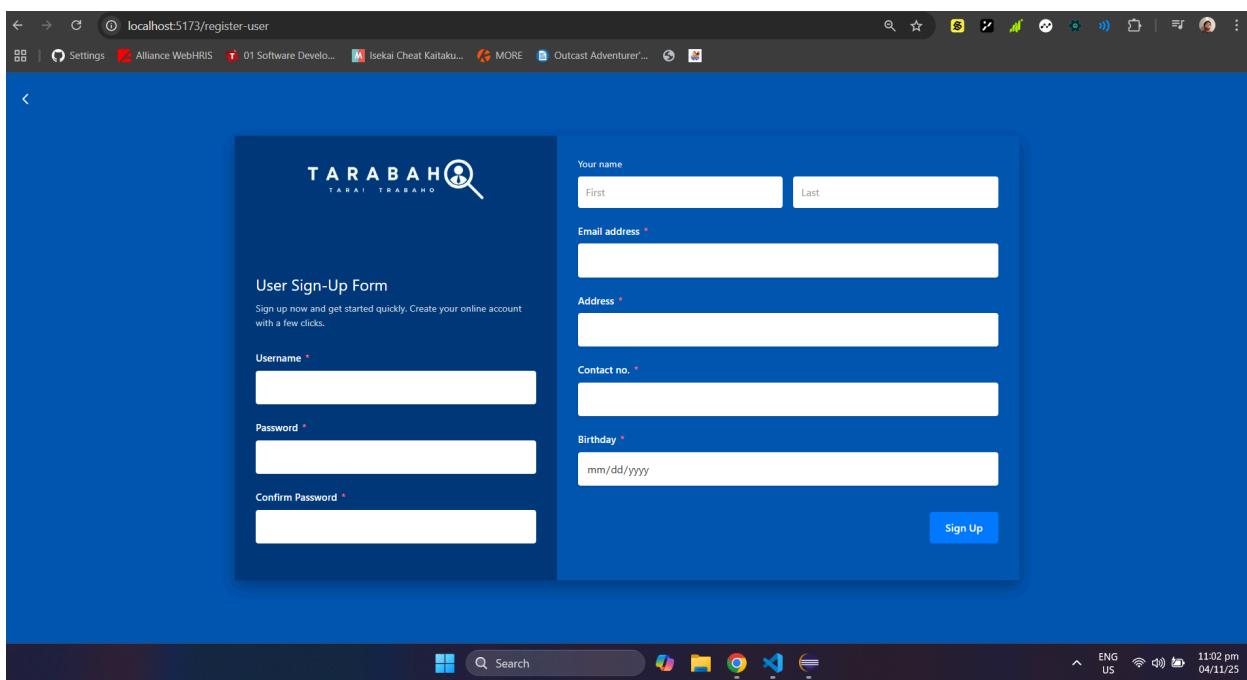
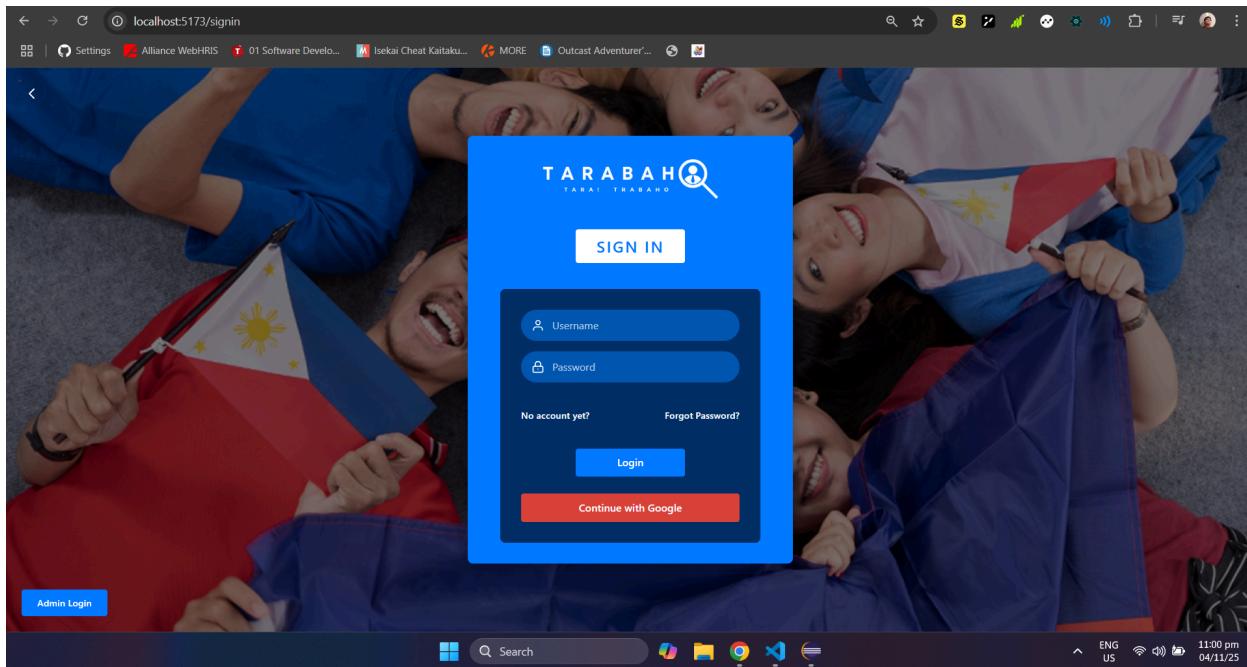
- Database schema and ER diagrams

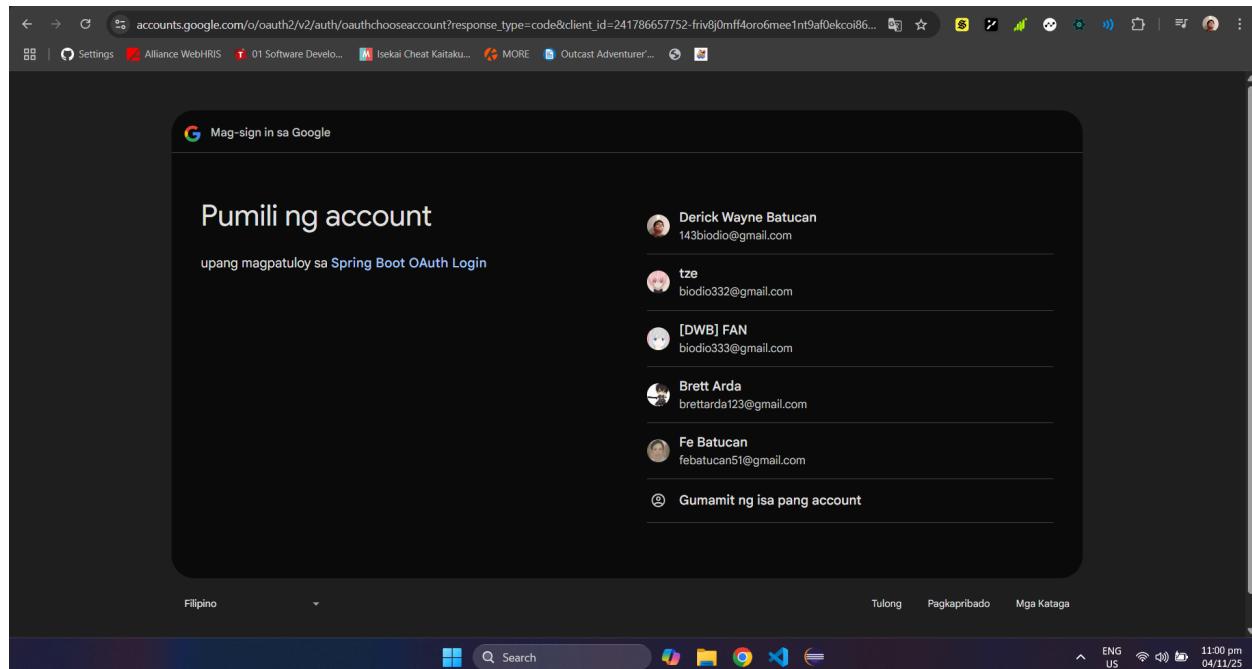


- Screenshots of the working application

WEB :







localhost:5173/user-browse-cleaning

TARABAHO

HOME BROWSE CONTACT US ABOUT US PROFILE

CLEANING

Sort by Rating

Search

★★★★★ Dedicated and detail-oriented individual specializing in cleaning and maintaining homes, offices, and organizations. Committed to creating a comfortable and hygienic environment. ₱63.00/hour View

★★★★★ An experienced cleaner with a keen eye for detail, ensuring every corner shines. Utilizes effective cleaning techniques to maintain a well-organized and welcoming space. ₱80.00/hour View

★★★★★ A reliable and efficient cleaning specialist focused on keeping homes and workplaces spotless and sanitized, creating clean with a commitment to quality and care. ₱80.00/hour View

ENG US 11:01 pm 04/11/25

localhost:5173/user-profile

TARABAHO

HOME BROWSE CONTACT US ABOUT US PROFILE

MY PROFILE

PROFILE BOOKMARKS HISTORY LOG OUT

Name: Angelo C. Quieta
Email: quietaangelo@gmail.com
Address: Cebu City, Tisa Tabaylawom
Contact no.: 09266517720
Birthdate: 17/12/2002

Username: angeloquieta
Password: 12*****4 Change password

CONNECTED ACCOUNTS

Facebook Connect Instagram Connect

ENG US 11:01 pm 04/11/25

localhost:5173/user-profile

TARABAH

HOME BROWSE CONTACT US ABOUT US PROFILE

MY PROFILE

Profile: Angelo C. Quieta

Email: quietaangelo@gmail.com

Connected Accounts:

Logout Confirmation:

ARE YOU SURE YOU WANT TO LOG OUT?

LOG OUT CANCEL

Username: angeloquieta

Password: 12****4

Change password

CONNECTED ACCOUNTS

Facebook Connect

Instagram Connect

Search bar

System tray: ENG US 11:01 pm 04/11/25

localhost:5173/admin-login

TARABAH

ADMIN LOGIN

Username:

Password:

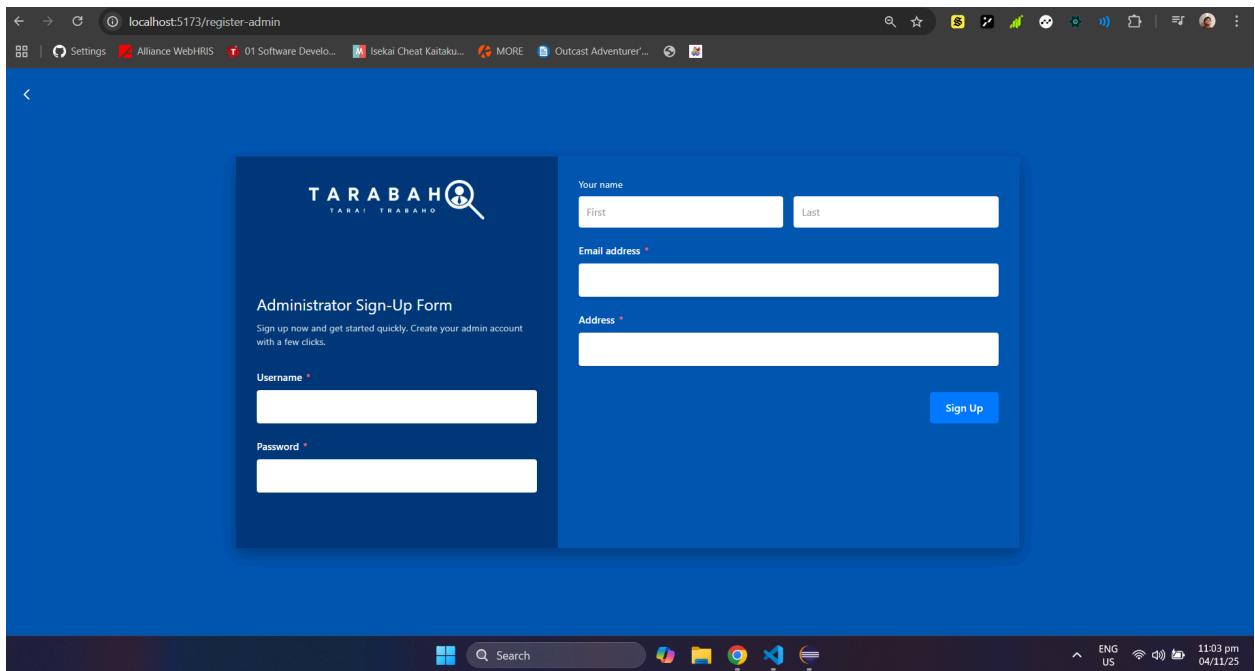
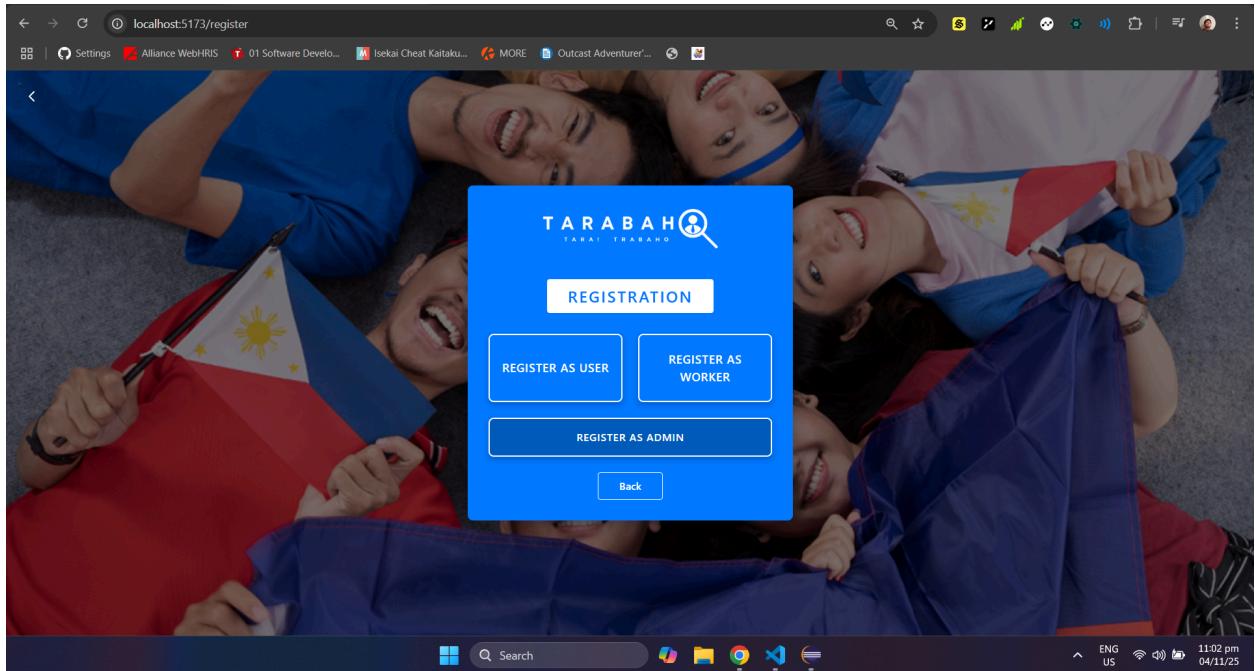
No account yet? [Forgot Password?](#)

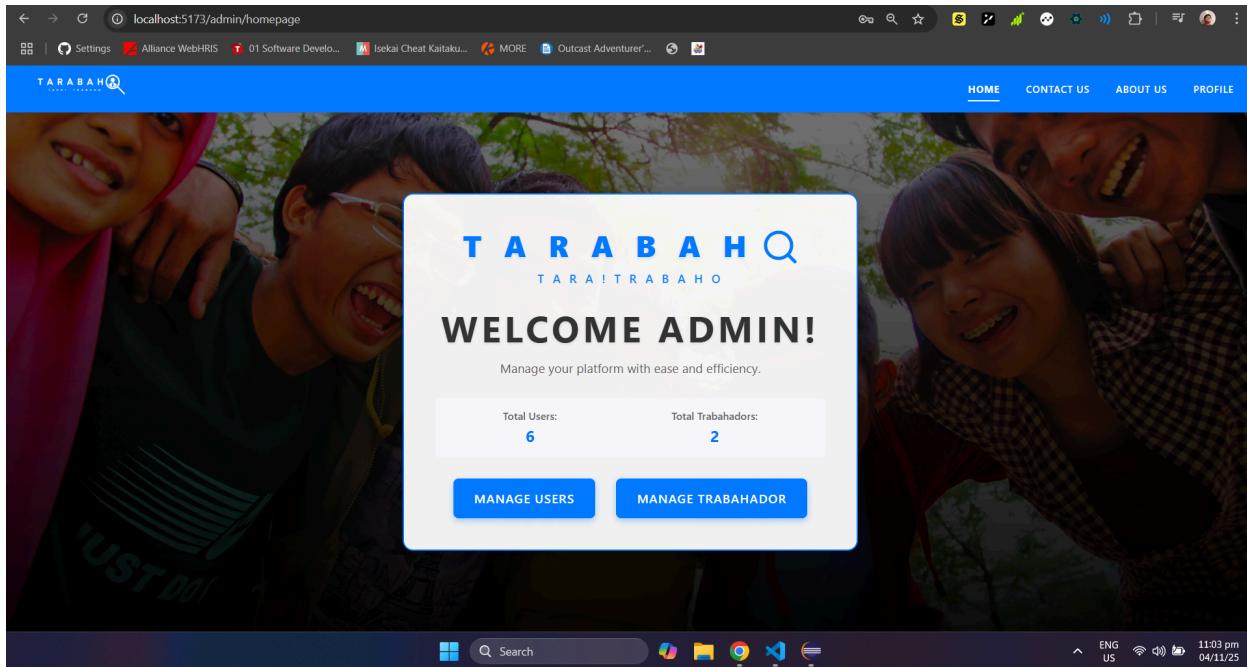
Login

Background image: People holding Philippine flags.

Search bar

System tray: ENG US 11:02 pm 04/11/25





The screenshot shows the "MANAGE USERS" page. At the top, there's a search bar with placeholder text "Search by name, username, or email...", a green "Add User" button, and a red "Logout" button. Below the search bar is a table with user data:

ID	First Name	Last Name	Username	Email	Phone	Birthday	Actions
3	Angelo	Quieta	Angelo	Angelo@gmail.com	0991221321	2003-12-12	EDIT DELETE
2	Andre	Bacusmo	Andre	andre@gmail.com	09950930221333	2003-12-12	EDIT DELETE
4	Paul Dave	Binoya	PaulD	paul@gmail.com	4124214	2003-12-12	EDIT DELETE
5	biodio	Iaxusdio	biodio	biodio@gmail.com	09224544	2003-12-12	EDIT DELETE
6	brian	pila	brian	prian@bila	090	2222-02-22	EDIT DELETE
1	Derick Wayne	Batucan	143biodio@gmail.com	143biodio@gmail.com	0995	2003-12-12	EDIT DELETE

The bottom of the screen shows a taskbar with various icons and system status information.

localhost:5173/admin/manage-users

Settings Alliance WebHRIS 01 Software Develo... Isekai Cheat Kaitaku... MORE Outcast Adventurer'...

TARABAH

HOME CONTACT US ABOUT US PROFILE

MANAGE USERS

Create New User

ID	First Name	Last Name	Phone	Birthday
3	Angelo	Quieta	0991221321	2003-12-12
2	Andre	Bacusmo	09950930221333	2003-12-12
4	Paul Dave	Binoya	4124214	2003-12-12
5	biodio	Iaxusdio	09224544	2003-12-12
6	brian	pila	090	2022-02-22
1	Derick Wayne	Batucan	0995	2003-12-12

Search by name...

Logout

First Name
Last Name
Username
Email
Password
Phone Number
mm/dd/yyyy

Create Cancel

143biodio@gmail.com 143biodio@gmail.com

Phone Birthday

EDIT DELETE

EDIT DELETE

EDIT DELETE

EDIT DELETE

EDIT DELETE

EDIT DELETE

11:04 pm 04/11/25

localhost:5173/admin/manage-trabajador

Settings Alliance WebHRIS 01 Software Develo... Isekai Cheat Kaitaku... MORE Outcast Adventurer'...

TARABAH

HOME CONTACT US ABOUT US PROFILE

MANAGE TRABAHDOR

Add Trabajador

ID	NAME	USERNAME	EMAIL	PHONE	BIRTHDAY
1	Mtabs	Mtabs	Mtabs@gmail.com	55555	2003-12-12
2	joyboy	joyboy	joyboy@gmail.com	09930035992	2003-12-12

Search by name, username, or email...

Logout

Name Username Email Phone Birthday

VIEW DETAILS

VIEW DETAILS

11:04 pm 04/11/25

localhost:5173/admin/trabajador/2

Settings Alliance Web-HRIS 01 Software Develo... Iskai Cheat Kaitaku... MORE Outcast Adventurer'...

TARABAH

Paul Dave Q. Binoya

dedicated and detail-oriented individual specializing in cleaning and maintaining spaces.
Skilled in organizing, dusting, sanitizing and ensuring cleanliness to create a comfortable and hygienic environment.

★★★★★

₱63.00/hour

CLEANING GARDENING TUTORING

HOME CONTACT US ABOUT US PROFILE



Full name: Paul Dave Q. Binoya

Email: Pauldeb@gmail.com

Contact no: 09120120910

Birthday: 08/11/2004

Address: Lapaloma Cebu City

UPLOADED DOCUMENTS:

Original NBI Clearance (Expired ID not allowed) [View](#)

Original National ID [View](#)

2x2 picture of you [View](#)

Police Clearance [View](#)

[EDIT](#) [DELETE ACCOUNT](#)



localhost:5173/admin/profile

HOME CONTACT US ABOUT US PROFILE

LOG OUT

Username: Unknown Admin

Password: 12*****4

Change password

Name: Admin1

Email: qujetaangelo@gmail.com

Address: Cebu City, Tisa Tabaylawom

Contact no.: 09266517720

Birthdate: 11/12/2002

EDIT PROFILE

11:04 pm 04/11/25

Database:

Tarabaho Free / Tara Tarabaho Connect Enable branching

Feedback Auto layout

Database schema public

Tables Functions Triggers Enumerated Types Extensions Indexes Publications

ACCESS CONTROL Roles Policies

PLATFROM Backups Migrations Wrappers Webhooks

workers

- id (Primary key, Identity)
- birthday
- email
- name
- password
- phone_number
- username

users

- id (Primary key, Identity)
- Birthday
- email
- firstname
- lastname
- location
- password
- phone_number
- username

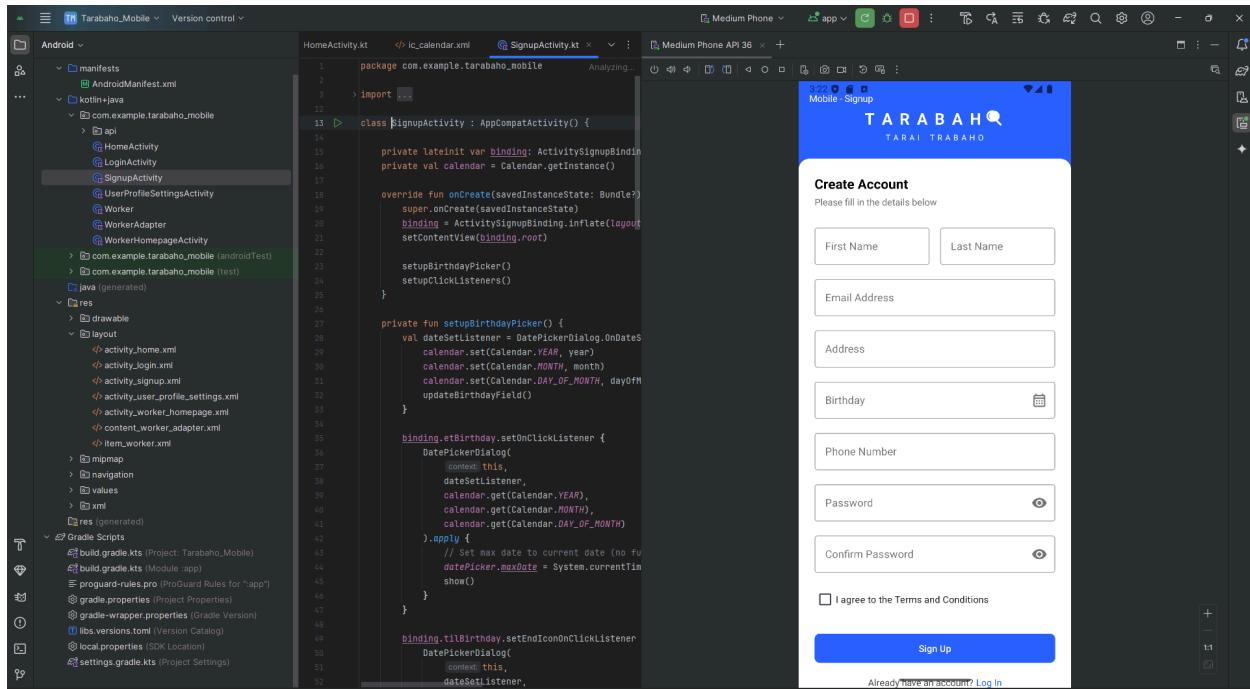
admins

- id (Primary key, Identity)
- address
- email
- firstname
- lastname
- password
- username

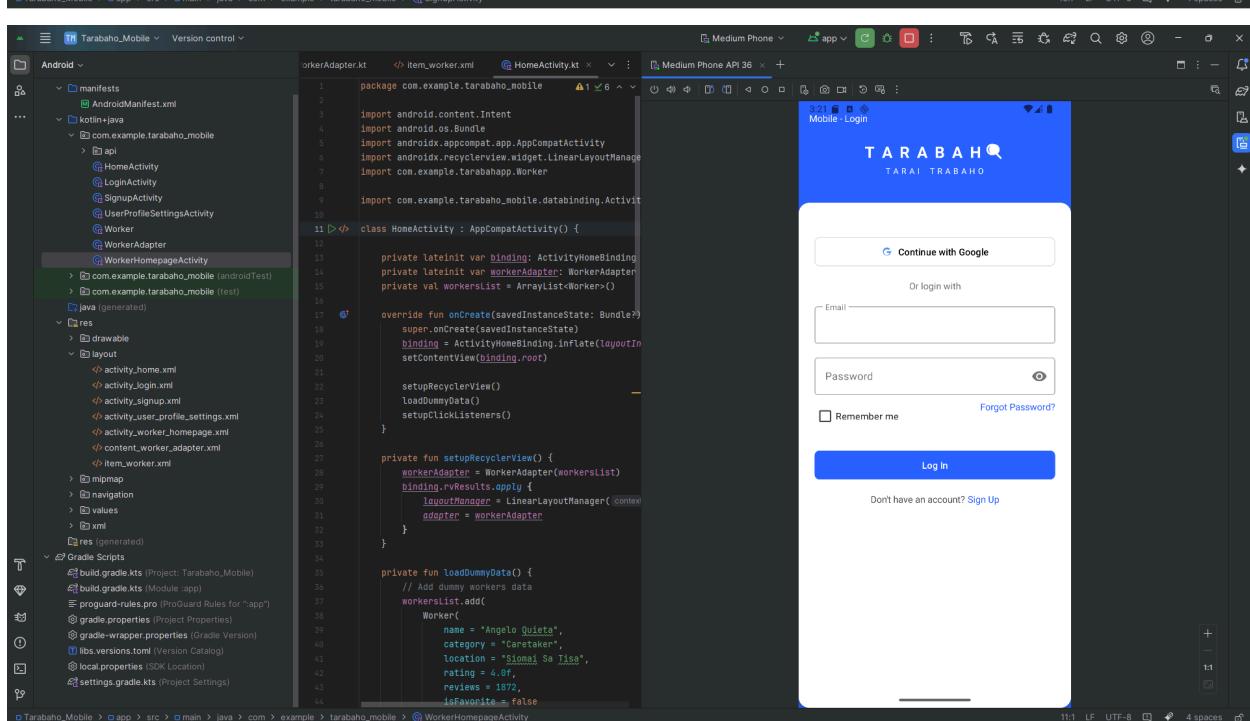
Primary key # Identity Unique Nullable Non-Nullable

11:18 pm 04/11/25

Mobile:



The screenshot shows the Android Studio interface with the project structure on the left and two panes on the right. The top pane displays the `SignupActivity.kt` file, which contains Java code for handling account creation. The bottom pane shows the "Medium Phone API 36" preview window displaying the "Create Account" screen for the Tarabaho app. The screen has fields for First Name, Last Name, Email Address, Address, Birthday, Phone Number, Password, and Confirm Password. It also includes a checkbox for agreeing to terms and conditions and a "Sign Up" button.



The screenshot shows the Android Studio interface with the project structure on the left and two panes on the right. The top pane displays the `HomeActivity.kt` file, which contains Java code for the Home screen. The bottom pane shows the "Medium Phone API 36" preview window displaying the "Mobile - Login" screen for the Tarabaho app. The screen features a "Continue with Google" button, a "Or login with" section, an "Email" field, a "Password" field, a "Remember me" checkbox, and a "Forgot Password?" link. It also includes a "Log In" button and a "Don't have an account? Sign Up" link.

