

# Ratiba Task Management Mobile Application

by Mwita Mogaya

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GitHub repository: <https://github.com/mogaya/Ratiba>

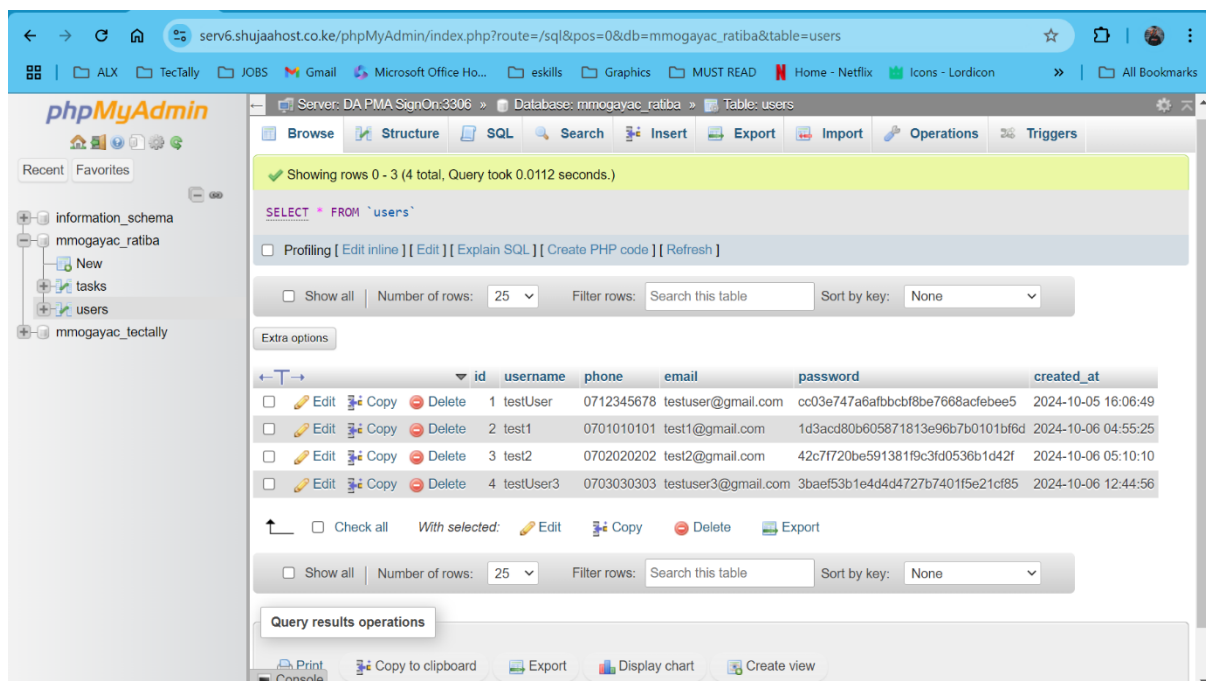
Waketime: <https://wakatime.com/@Mogaya/projects/buhtnnzpcn?start=2024-09-30&end=2024-10-06>

This solution has been developed using Flutter and Dart for the frontend and API connection. PHP has been used to develop the backend logic. The file containing the backend logic on the git hub repo is for illustration purpose on how the logic was achieved. The actual backend and database are accessed from my direct admin panel at <https://mmogaya.com>

To run the application on your machine you need the flutter SDK, preferred code editor: VS Code and an emulator or use your android phone's developer mode (preferred option). Remember to 'run flutter pub get' to install the dependencies.

Below are screenshots from the development:

Database:



The screenshot shows the phpMyAdmin web interface. The browser address bar indicates the URL: `serv6.shujaahost.co.ke/phpMyAdmin/index.php?route=/sql&pos=0&db=mmogayac_ratiba&table=users`. The interface displays the 'users' table with the following data:

	id	username	phone	email	password	created_at
<input type="checkbox"/>	1	testUser	0712345678	testuser@gmail.com	cc03e747a6afbcbf8be7668acfebee5	2024-10-05 16:06:49
<input type="checkbox"/>	2	test1	0701010101	test1@gmail.com	1d3acd80b605871813e96b7b0101bf6d	2024-10-06 04:55:25
<input type="checkbox"/>	3	test2	0702020202	test2@gmail.com	42c7f720be591381f9c3fd0536b1d42f	2024-10-06 05:10:10
<input type="checkbox"/>	4	testUser3	0703030303	testuser3@gmail.com	3baef53b1e4d4d4727b7401f5e21cf85	2024-10-06 12:44:56

The interface also shows the SQL query: `SELECT * FROM `users`` and various options for filtering and sorting the data.

serv6.shujaahost.co.ke/phpMyAdmin/index.php?route=/sql&pos=0&db=mmogayac\_ratiba&table=tasks

Server: DA PMA SignOn:3306 Database: mmogayac\_ratiba Table: tasks

Showing rows 0 - 2 (3 total, Query took 0.0003 seconds.)

`SELECT * FROM `tasks``

☐ Profiling [\[ Edit inline \]](#) [\[ Edit \]](#) [\[ Explain SQL \]](#) [\[ Create PHP code \]](#) [\[ Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	id	task	category	due_date	created_at	user_id
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	1	testTask	work	2024-10-09	2024-10-06 05:48:05	1
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	2	testTask1	work	2024-10-09	2024-10-06 07:05:06	1
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	5	test1	personal	2024-10-10	2024-10-06 12:51:55	4

☐ Check all | With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

[Print](#) [Copy to clipboard](#) [Export](#) [Display chart](#) [Create view](#)

Console

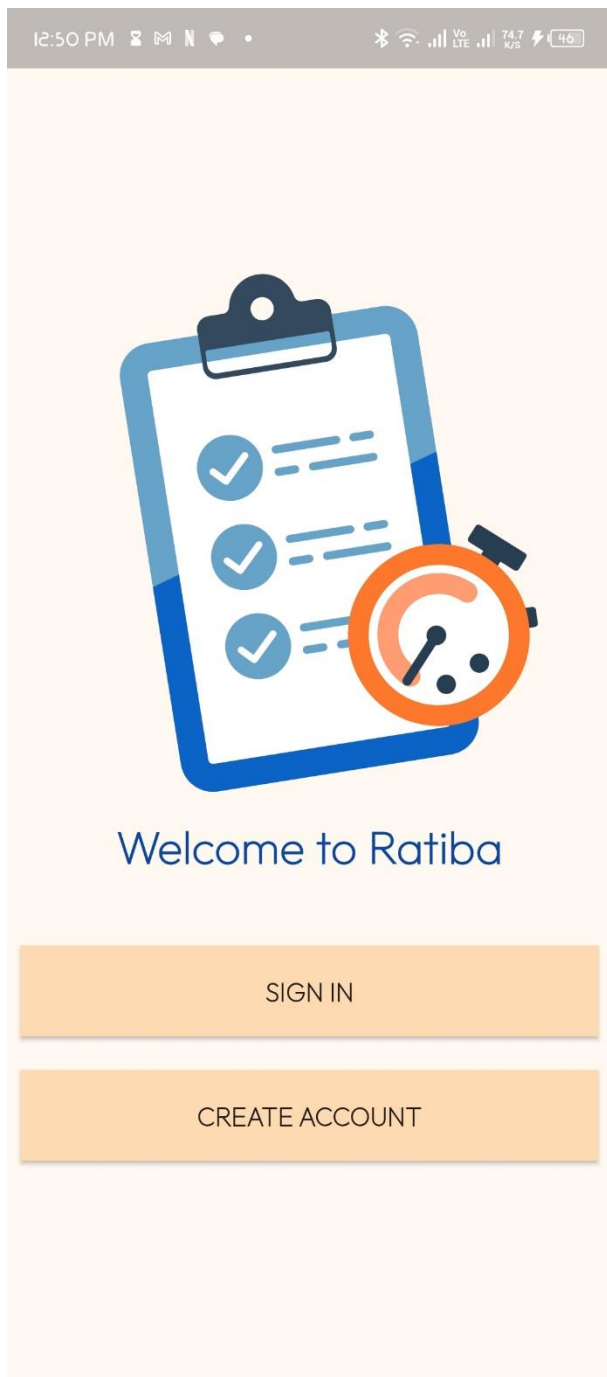
serv6.shujaahost.co.ke:2222/CMD\_FILE\_MANAGER?path=/domains/mmogaya.com/public\_html/ratiba

DirectAdmin web control panel

public\_html > ratiba

Filter files...

	Name	Size	Permissions	Date	UID/GID
	add_task.php	723.00 B	rw-r--r (644)	2024-10-06	mmogayac/mmogayac
	connect.php	168.00 B	rw-r--r (644)	2024-10-05	mmogayac/mmogayac
	delete_task.php	647.00 B	rw-r--r (644)	2024-10-06	mmogayac/mmogayac
	sign_in.php	936.00 B	rw-r--r (644)	2024-10-05	mmogayac/mmogayac
	sign_up.php	761.00 B	rw-r--r (644)	2024-10-06	mmogayac/mmogayac
	task.php	547.00 B	rw-r--r (644)	2024-10-06	mmogayac/mmogayac



12:53 PM

Vo LTE 12.3 K/s 46

Create your Account

Karibu TecTally. Please fill in your details to create your account

Username

Enter your Username

Phone

Enter your Phone

Email

Enter your Email

Password

Enter your Password

👁

SIGN UP

Already have an account?[SignIn](#)



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46%

←

Add Task

Task

Enter Task Name

Task Category

Enter Task Category

Due Date

Select Due Date

SAVE

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VoLTE 551 B/S

46%

Tasks To Do

test1

Category: personal

Due Date: 2024-10-10

DELETE

+