

# Manual to Run the Project

**Step-1:** Open terminal from rms-pull folder.

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS
PS F:\Academic\4-2\Cloud Computing Lab\RMS\rms-pull>
```

**Step-2:** Run the commands,

- docker compose build
- docker compose up

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS
PS F:\Academic\4-2\Cloud Computing Lab\RMS\rms-pull> docker compose build
[+] Building 0.0s (0/0)                                docker:default
PS F:\Academic\4-2\Cloud Computing Lab\RMS\rms-pull> docker compose up
[+] Building 0.0s (0/0)                                docker:default
[+] Running 3/0
  ✓ Container rms-pull-db-1      Created              0.0s
  ✓ Container rms-pull-phpmyadmin-1 Created          0.0s
  ✓ Container rms-pull-web-1     Created              0.0s
Attaching to rms-pull-db-1, rms-pull-phpmyadmin-1, rms-pull-web-1
rms-pull-db-1 | 2024-02-10 15:45:18+00:00 [Note] [Entrypoint]: Entrypoint script for MySQL Server 8.3.0-1.el8 st
rms-pull-db-1 | 2024-02-10 15:45:18+00:00 [Note] [Entrypoint]: Switching to dedicated user 'mysql'
rms-pull-db-1 | 2024-02-10 15:45:18+00:00 [Note] [Entrypoint]: Entrypoint script for MySQL Server 8.3.0-1.el8 st
rms-pull-phpmyadmin-1 | AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 1
```

**Step-3:** Now you can access the website from browser by using  
“<http://localhost:3000/html-php/home.php>” this URL.

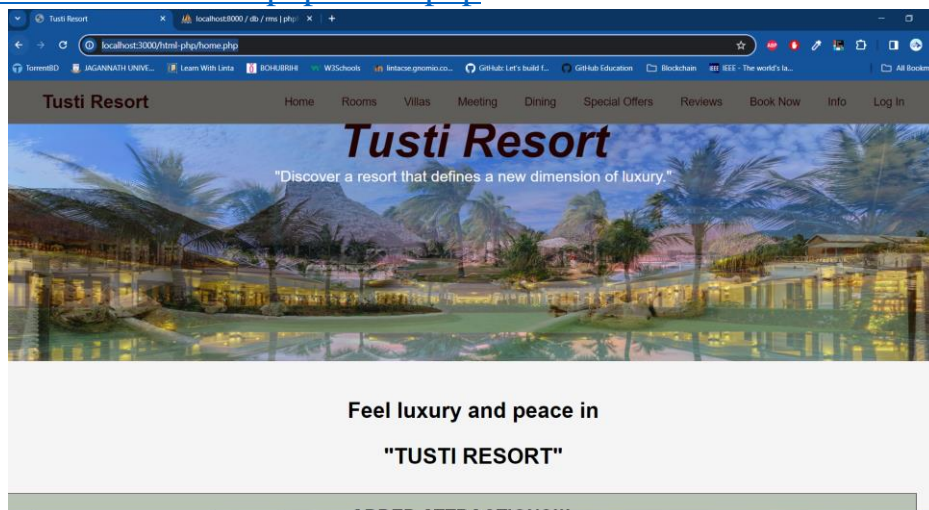


Fig: Home page of the website

**Step-4:** To see the database use “http://localhost:8000/” this URL.

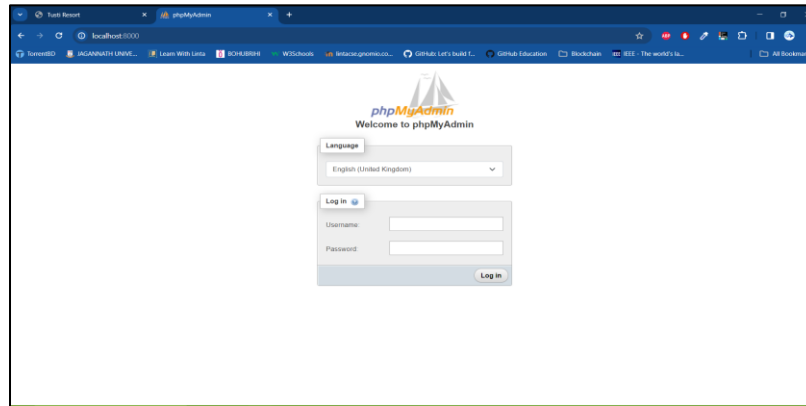
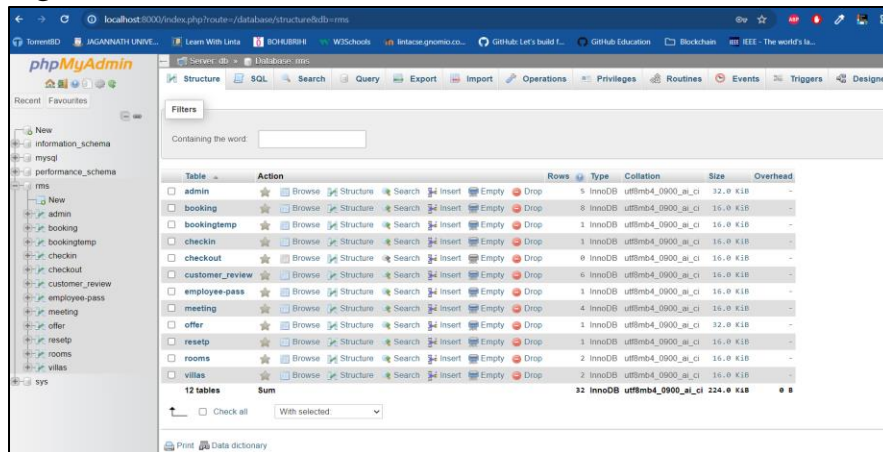


Fig: Homepage of phpMyAdmin

Login by using “Username=root” and “Password=test”.



**Step-5:** Stop the application by pressing “Ctrl+Z” and stop the container by running “docker compose down” in the terminal.

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  GITLENS  powershell
PS F:\Academic\4-2\Cloud Computing Lab\RMS\rms-pull> docker compose down
[+] Running 4/4
  ✓ Container rms-pull-web-1      Removed
  ✓ Container rms-pull-phpmyadmin-1 Removed
  ✓ Container rms-pull-db-1       Removed
  ✓ Network rms-pull_default      Removed
PS F:\Academic\4-2\Cloud Computing Lab\RMS\rms-pull> 
```

[Prerequisite: Install and Run Docker Desktop before running the commands.]