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## 1. Pre-requisite

Before proceeding to use the To-Do web application, it is essential to install several third-party software on device. This section will provide a thorough discussion and detailed guidance on each of the required software installations.

### 1.1 Software

It is crucial to comprehend the necessary software requirements for utilizing the To-Do web application. The following software needs to be set up before utilizing the application:

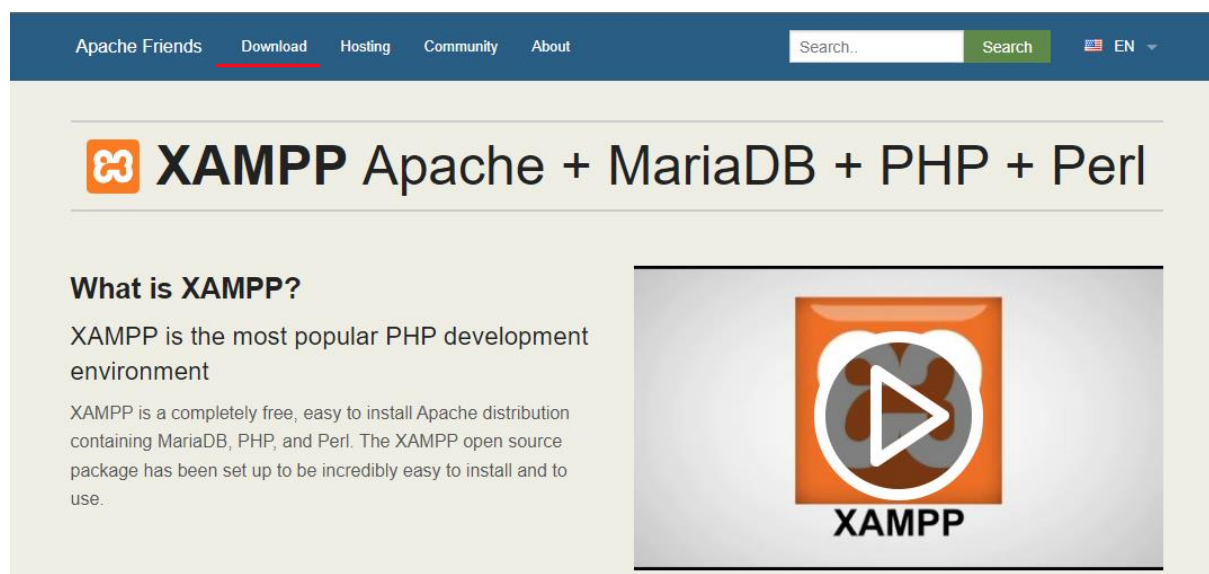
1. XAMPP server (Version 8.2.4)
2. PhpMyAdmin (database)

### 1.2 Setup

#### 1.2.1 XAMPP

XAMPP, an open-source software package, is essential for testing and developing web projects, providing a localized web server environment. Follow the step-by-step guidance below for a seamless installation on your hardware device, unlocking the full potential of XAMPP for your testing and development needs.

1. Visit the XAMPP official website in your search engine  
( <https://www.apachefriends.org/> )
2. Click on the Download button on top navigation bar ( )



3. Click the “Download” button as the image highlight below to download latest XAMPP package version and launch the package after download complete (\* The platform also support Linux and iOS ).

XAMPP is an easy to install Apache distribution containing MariaDB, PHP, and Perl. Just download and start the installer. It's that easy.

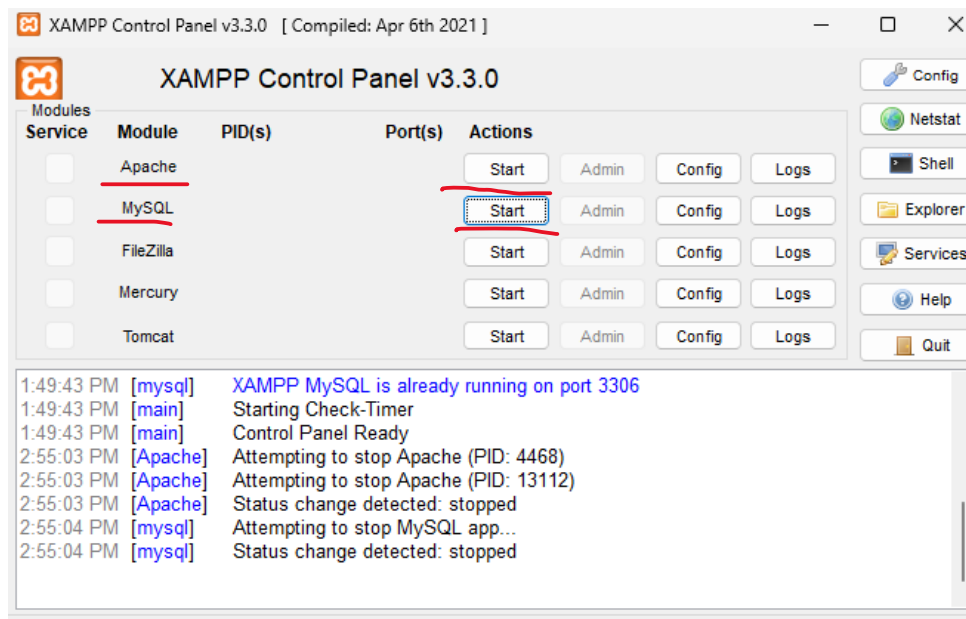
Version		Checksum		Size
8.0.30 / PHP 8.0.30	<a href="#">What's Included?</a>	<a href="#">md5</a>	<a href="#">sha1</a>	<a href="#">Download (64 bit)</a> 144 Mb
8.1.25 / PHP 8.1.25	<a href="#">What's Included?</a>	<a href="#">md5</a>	<a href="#">sha1</a>	<a href="#">Download (64 bit)</a> 148 Mb
8.2.12 / PHP 8.2.12	<a href="#">What's Included?</a>	<a href="#">md5</a>	<a href="#">sha1</a>	<a href="#">Download (64 bit)</a> 149 Mb

[Requirements](#) [More Downloads »](#)

Windows XP or 2003 are not supported. You can download a compatible version of XAMPP for these platforms [here](#).

4. Once package download complete, launch on the respective application for proceed installation and proceed “NEXT” until the configuration is complete if none specific request is required.

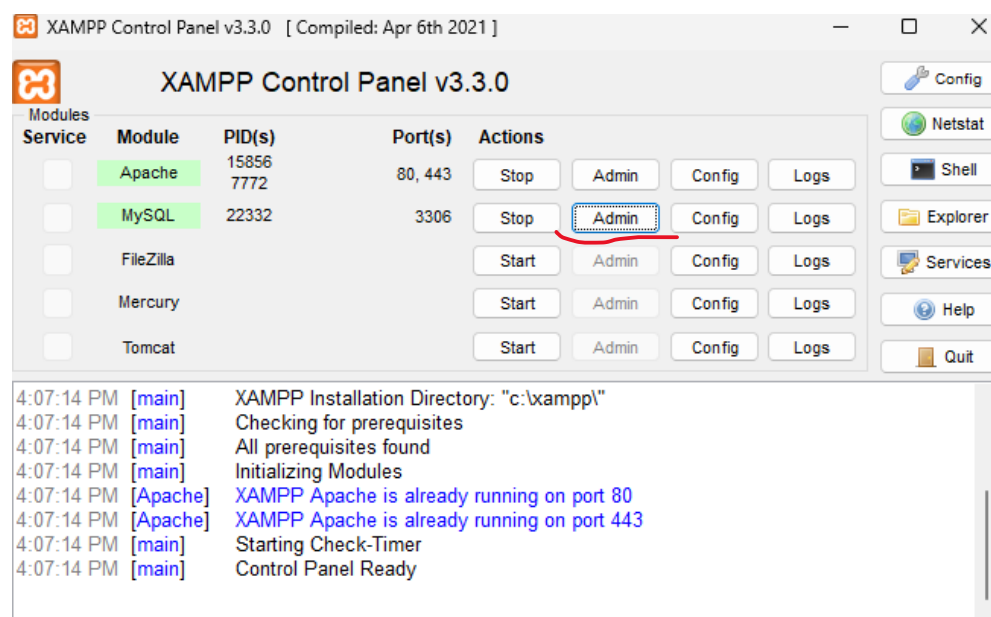
5. Launch XAMPP and click on “Start” on both Module (Apache , MySQL)



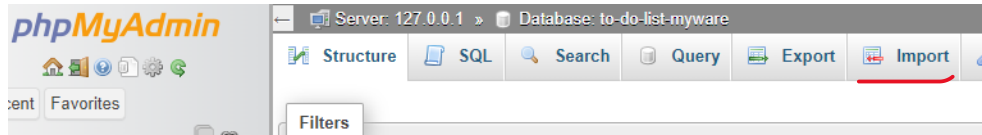
## Database

After completing the setup of XAMPP as mentioned above, we will begin the database setup. Ensure you have the SQL file ready before proceeding. If you don't have it, retrieve the SQL file from the 'database' folder on GitHub and ensure you have created a fresh database before proceeding with the import.

1. Click on the “Admin” button under “MySQL” module to access into phpMyAdmin database



2. Next, click on the 'Import' button to import the SQL database. Select 'Choose File' to locate the SQL file. Once done, clicking the 'Import' button at the bottom of the page, and your database is now ready to use.



### Importing into the database "to-do-list-myware"

**File to import:**

File may be compressed (gzip, bzip2) or uncompressed.  
A compressed file's name must end in `[format].[compression]`. Example: `.sql.zip`

Browse your computer: (Max: 40MiB)

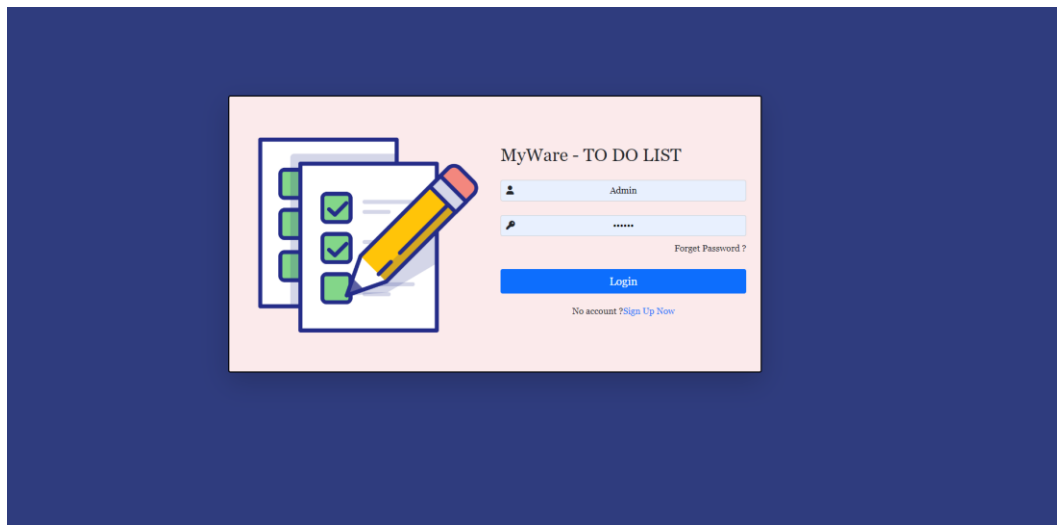
No file chosen

You may also drag and drop a file on any page.

Character set of the file:

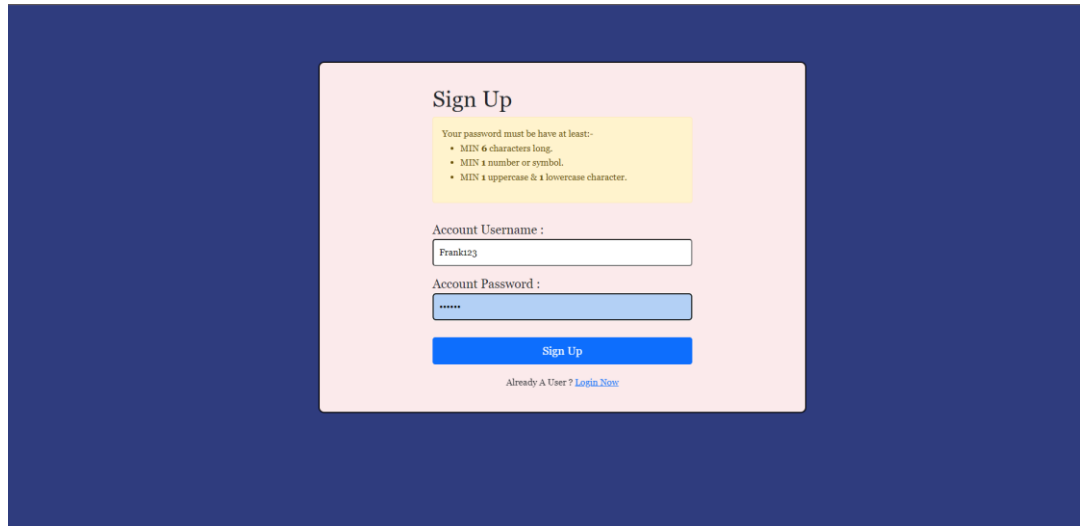
utf-8

## 2.Login Page



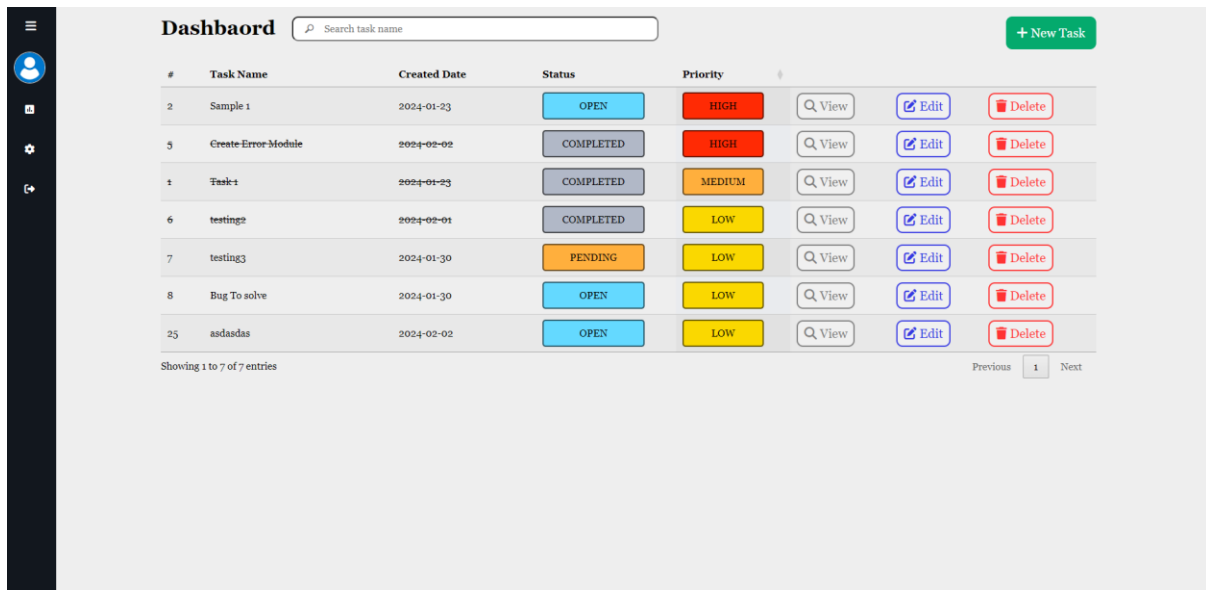
In the web application, a login feature has been incorporated to support multiple users. Users must first sign up for an account before accessing by clicking “Sign Up Now“ link at the bottom.

## 3.Signup Page



The system prompts users to input their desired account username and password during the account creation process. After fulfilling both inputs, click on the 'Sign Up' button to complete the account creation

## Dashboard



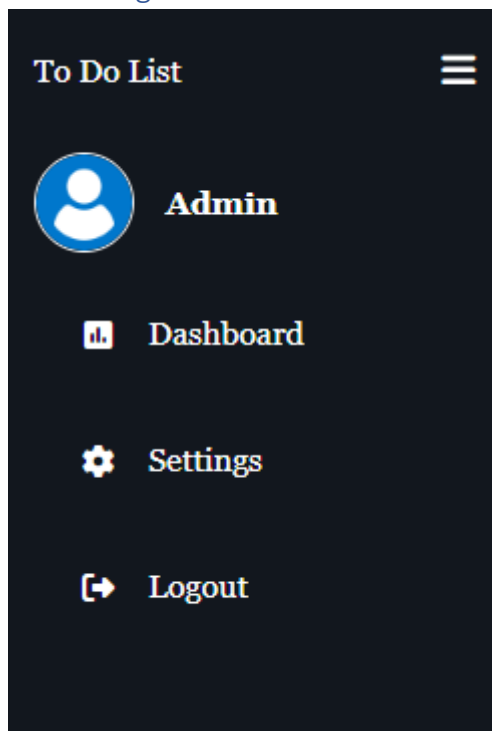
#	Task Name	Created Date	Status	Priority	
2	Sample 1	2024-01-23	OPEN	HIGH	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
5	Create Error Module	2024-02-02	COMPLETED	HIGH	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
1	Task 1	2024-01-23	COMPLETED	MEDIUM	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
6	testing2	2024-02-01	COMPLETED	LOW	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
7	testing3	2024-01-30	PENDING	LOW	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
8	Bug To solve	2024-01-30	OPEN	LOW	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
25	asdasdas	2024-02-02	OPEN	LOW	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>

Showing 1 to 7 of 7 entries

Previous 1 Next

After successful login, the system will navigate you to the homepage, you'll encounter a side navigation bar on the left and a datatable displaying the list of To-Do tasks. Both of these features will be discussed in detail below.

## Side Navigation bar



The side navigation features 'Dashboard,' 'Settings,' and 'Logout,' each redirecting to its respective page. The user account details are displayed to identify the current user.

# Datatable

Dashbaord

Search task name

+ New Task

#	Task Name	Created Date	Status	Priority			
2	Sample 1	2024-01-23	OPEN	HIGH	View	Edit	Delete
5	Create Error Module	2024-02-02	COMPLETED	HIGH	View	Edit	Delete
1	Task 1	2024-01-23	COMPLETED	MEDIUM	View	Edit	Delete
6	testing2	2024-02-01	COMPLETED	LOW	View	Edit	Delete
7	testing3	2024-01-30	PENDING	LOW	View	Edit	Delete
8	Bug To solve	2024-01-30	OPEN	LOW	View	Edit	Delete
25	asdasdas	2024-02-02	OPEN	LOW	View	Edit	Delete

Showing 1 to 7 of 7 entries

Previous

1

Next

These tables represent the total To-Do tasks, with each row featuring Detailed discussions on each action button will follow below. Additionally, the datatable offers several features which stated below:-

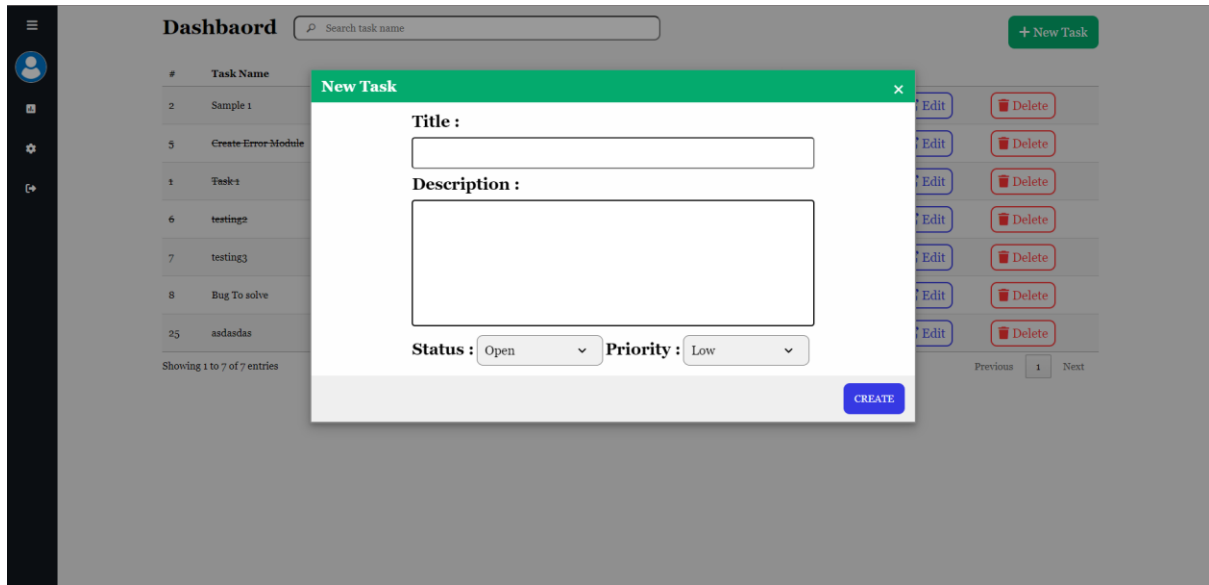
- Action Button: Allows users to perform CRUD on task (Created, Read, Edit, Delete)
- Task Search: Facilitates searching for specific tasks.
- Pagination: Simplifies navigation through multiple task entries.
- Priority Sorting: Enables sorting tasks based on priority.

With these functionalities, it available to empower users to configure and manage their tasks efficiently.



## Action Button

### New Task Button



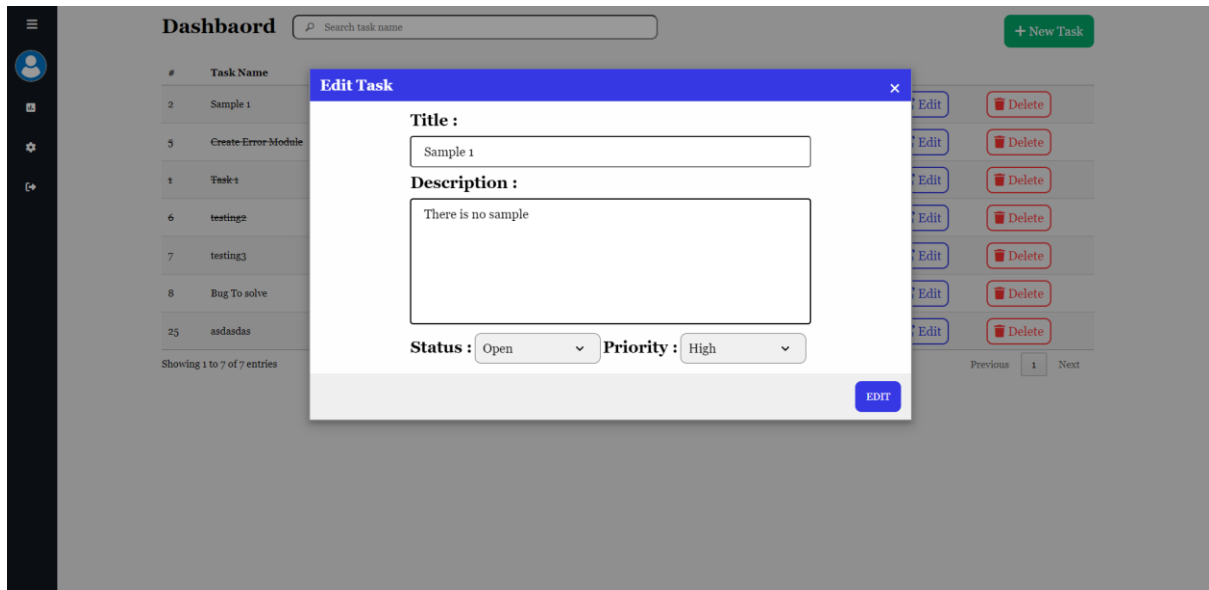
The screenshot shows a dashboard titled 'Dashbaord' (sic) with a search bar and a '+ New Task' button. A modal window titled 'New Task' is open, displaying a form with the following fields:

- Title :** A text input field.
- Description :** A larger text area.
- Status :** A dropdown menu with 'Open' selected.
- Priority :** A dropdown menu with 'Low' selected.

A 'CREATE' button is located at the bottom right of the modal. The background shows a table of tasks with columns for '#', 'Task Name', and actions (Edit, Delete).

To insert a new task, click the '+ New Task' button, triggering the appearance of a 'New Task' modal. After entering all necessary information, click 'CREATE,' and your task will be successfully created.

### Edit Button



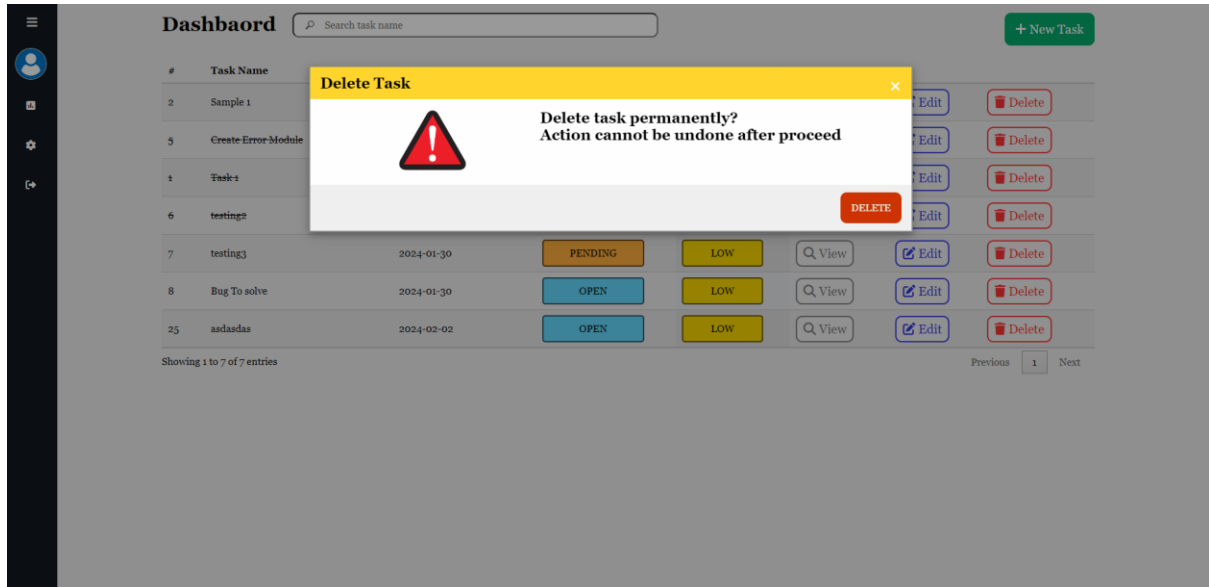
The screenshot shows the same dashboard with the 'Edit Task' modal open. The form fields are pre-filled with the following information:

- Title :** Sample 1
- Description :** There is no sample
- Status :** Open
- Priority :** High

An 'EDIT' button is located at the bottom right of the modal. The background table and '+ New Task' button are still visible.

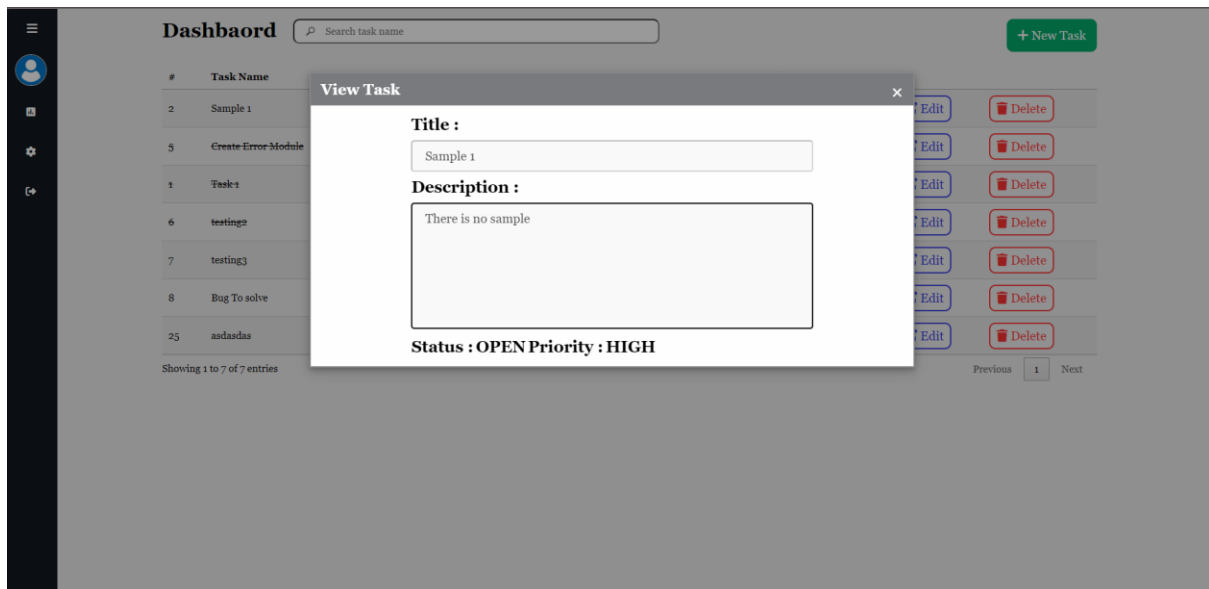
To edit an existing task, click the 'Edit' button corresponding to the task. This action triggers an 'Edit Task' modal displaying all task information. After user satisfy with their task configuration, click 'EDIT' to successfully update the task.

## Delete Button



To delete an existing task, click the 'DELETE' button in the respective row. This action triggers a 'Delete Task' modal, displaying a warning message before proceeding with the deletion of the task. Once confirm, the existing task are been removed.

## View Button



To view task credential, click the 'View' button corresponding to the task. This action triggers an 'View Task' modal displaying all task information.

### Search Bar

Dashbaord

+ New Task

#	Task Name	Created Date	Status	Priority			
6	testing2	2024-02-01	COMPLETED	LOW	<input type="button" value="View"/>	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
7	testing3	2024-01-30	PENDING	LOW	<input type="button" value="View"/>	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>

Showing 1 to 2 of 2 entries (filtered from 7 total entries)

Previous

1

Next

The search bar feature enables users to search for specific tasks by entering the task name. The datatable will automatically filter out tasks based on the entered task name

### Pagination

In the datatable, all tasks are listed in sets of 10 rows, with any additional tasks continuing onto subsequent pages.

### Priority Sorting

The Datatable provides a sorting column by clicking the column header “Priority”, arranged in the sequence of High, Medium, and Low, or alternatively, Low, Medium, and High. This feature enables the system to notify users and encourages prioritization, helping users identify tasks that need to be completed in advance

Sort From High, Medium, Low :-

Dashbaord

#	Task Name	Created Date	Status	Priority	
2	Sample 1	2024-01-23	OPEN	HIGH	
5	Create Error Module	2024-02-02	COMPLETED	HIGH	
1	Task 1	2024-01-23	COMPLETED	MEDIUM	
6	testing2	2024-02-01	COMPLETED	LOW	
7	testing3	2024-01-30	PENDING	LOW	
8	Bug To solve	2024-01-30	OPEN	LOW	
25	asdasdas	2024-02-02	OPEN	LOW	

Showing 1 to 7 of 7 entries

Sort From Low, Medium, High :-

<div>Dashbaord</div> <div><div></div>Search task name</div>				
#	Task Name	Created Date	Status	Priority
6	testing2	2024-02-01	COMPLETED	LOW
7	testing3	2024-01-30	PENDING	LOW
8	Bug To solve	2024-01-30	OPEN	LOW
25	asdasdas	2024-02-02	OPEN	LOW
1	Task 1	2024-01-23	COMPLETED	MEDIUM
2	Sample 1	2024-01-23	OPEN	HIGH
5	Create Error Module	2024-02-02	COMPLETED	HIGH
Showing 1 to 7 of 7 entries				

## Error Handling

New Task

Title :

Title cannot be empty

Description :

Status :

Open

▼

Priority :

Low

▼

CREATE

To create a task, users must specify the title and unable to leave blank; failure to do so triggers an error message prompting users to fill in the respective input field.

Edit Task

Title :

Title unable to be empty

Description :

There is no sample

Status :

Open

▼


Priority :

High

▼


EDIT


same goes to edit, if users didn't specify the title or leave input blank, system will triggers an error message prompting users to fill in the respective input field.



MyWare - TO DO LIST

Incorrect Username or Password, please try again

Username

Password

Forget Password ?

Login

No account ?[Sign Up Now](#)

On the login-page, error message will be display out to user if user account credential is incorrect. In other hand, system will continuously provide error until user enter the correct account credential.

## Sign Up

Your password must be have at least:-

- MIN 6 characters long.
- MIN 1 number or symbol.
- MIN 1 uppercase & 1 lowercase character.

Account Username :

Name must not be null and should not contain special characters.

Account Password :

- Password must be at least 6 characters long.
- Password must contain at least 1 uppercase and 1 lowercase character.

Sign Up

Already A User ? [Login Now](#)

On the sign-up page, an error message will be displayed to the user if the entered credentials do not meet the specified requirements. Users will be prompted to fill in the input fields accordingly. The system will continuously provide error messages until the entered credentials meet the necessary requirements.