

# Todo App Documentation

## Introduction

The Todo App is a feature-rich task management application designed to enhance users' organization and productivity.

## Features

### a. Task Creation

Users can create tasks by providing a title, description, due date, and priority (optional).

Due dates are optional, and tasks can be categorized by priority (low, medium, high).

### b. Task Listing

View a list of all tasks with key details, including title, description, due date, priority, completion status, and dynamic row colors.

### c. Task Completion

Mark tasks as completed to track progress.

Completed tasks have a distinct row color for easy identification.

### d. Task Editing

Edit task details, including the title, description, due date, and priority.

### e. Task Deletion

Remove tasks that are no longer relevant.

#### **f. Due Dates and Priority**

Assign due dates to tasks for better time management.  
Categorize tasks by priority to indicate their importance.

#### **g. Categorization**

Tasks are categorized by priority levels: low, medium, and high.

Task rows dynamically change colors based on priority and completion status.

#### **h. User Interface**

A clean and user-friendly interface allows easy navigation and interaction.

## **Usage**

#### **a. Creating Tasks**

Users can create tasks with relevant details such as title, description, due date, and priority.

#### **b. Viewing Tasks**

Navigate to the task list to view all created tasks.

#### **c. Marking Tasks as Completed**

Mark tasks as completed to keep track of accomplished goals.  
Completed tasks have a distinctive color for quick recognition.

#### **d. Editing Task Details**

Edit task details, including title, description, due date, and priority.

#### **e. Deleting Tasks**

Remove tasks that are no longer needed.

#### **f. Due Dates and Priority**

Assign due dates and priorities to tasks during creation or later editing.

#### **g. Categorization**

Tasks are categorized based on priority for easy identification. Dynamic row colors provide visual cues for task completion and priority.

#### **h. Alert Messages**

Receive alert messages for successful actions or error notifications.

### **Row Colors**

Task rows change colors based on completion and priority for enhanced visual distinction.

### **Testing**

The application has undergone unit testing to ensure reliability and functionality.

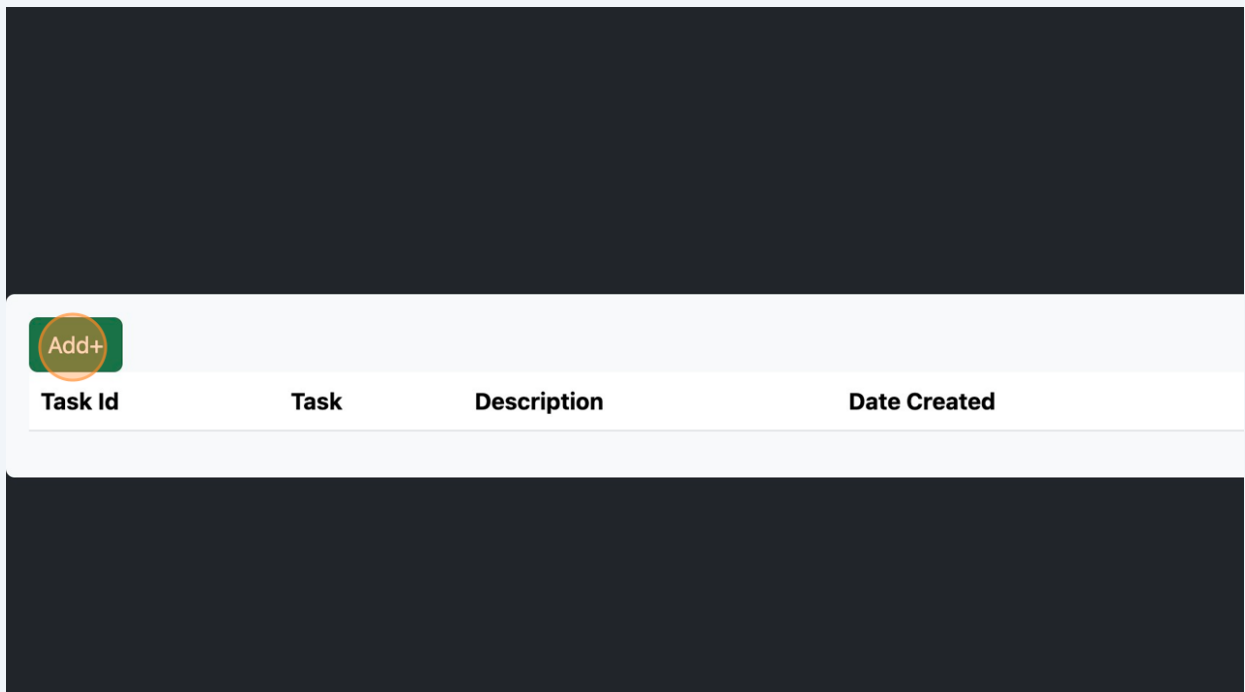
### **Conclusion**

The Todo App provides a visually intuitive and comprehensive task management solution, allowing users to organize tasks effectively.

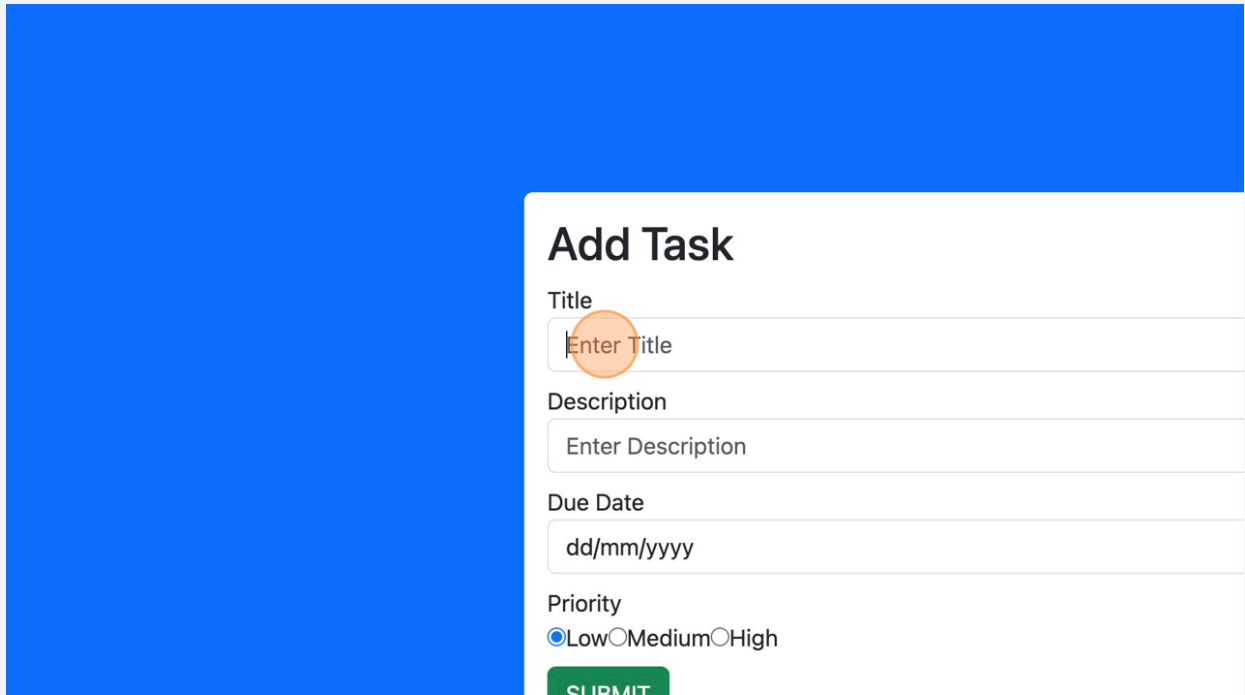
# How to Manage Tasks: Adding, Editing, Completing, and Deleting

1 Navigate to <http://localhost:3000/>

2 Click "Add+"



**3** Click the "Title" field.



**Add Task**

Title  
Enter Title

Description  
Enter Description

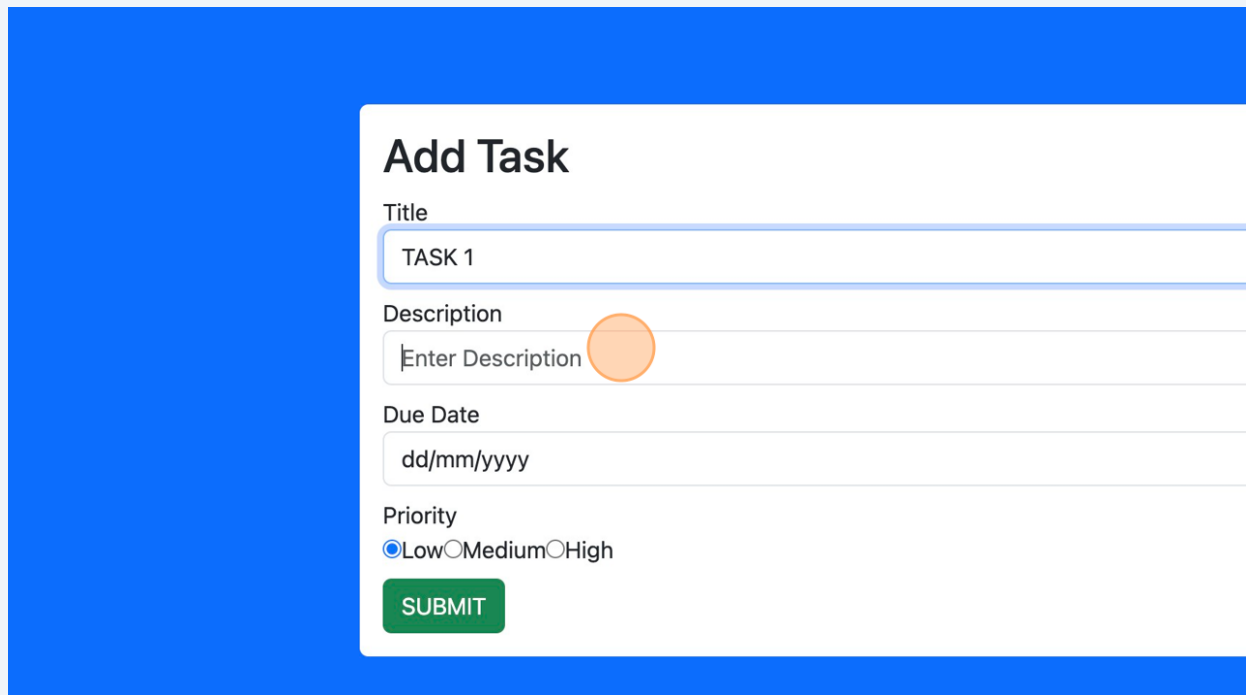
Due Date  
dd/mm/yyyy

Priority  
☒ Low ☐ Medium ☐ High

**SUBMIT**

**4** Type "TASK 1"

- 5 Click the "Description" field.



The screenshot shows a web form titled "Add Task" on a blue background. The form has four input fields: "Title" (containing "TASK 1"), "Description" (containing "Enter Description"), "Due Date" (containing "dd/mm/yyyy"), and "Priority" (with radio buttons for "Low", "Medium", and "High", where "Low" is selected). A green "SUBMIT" button is at the bottom. An orange circle highlights the "Description" field.

**Add Task**

Title  
TASK 1

Description  
Enter Description

Due Date  
dd/mm/yyyy

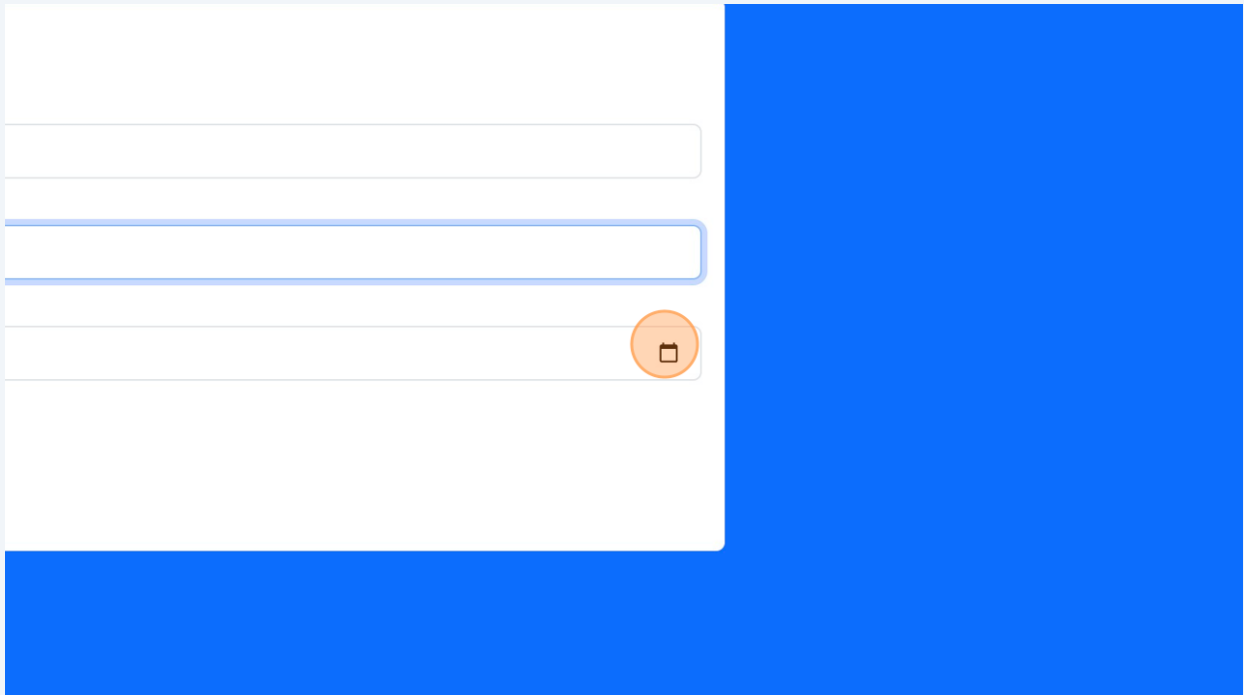
Priority  
☒ Low ☐ Medium ☐ High

**SUBMIT**

- 6 Type "Drink Water"

7

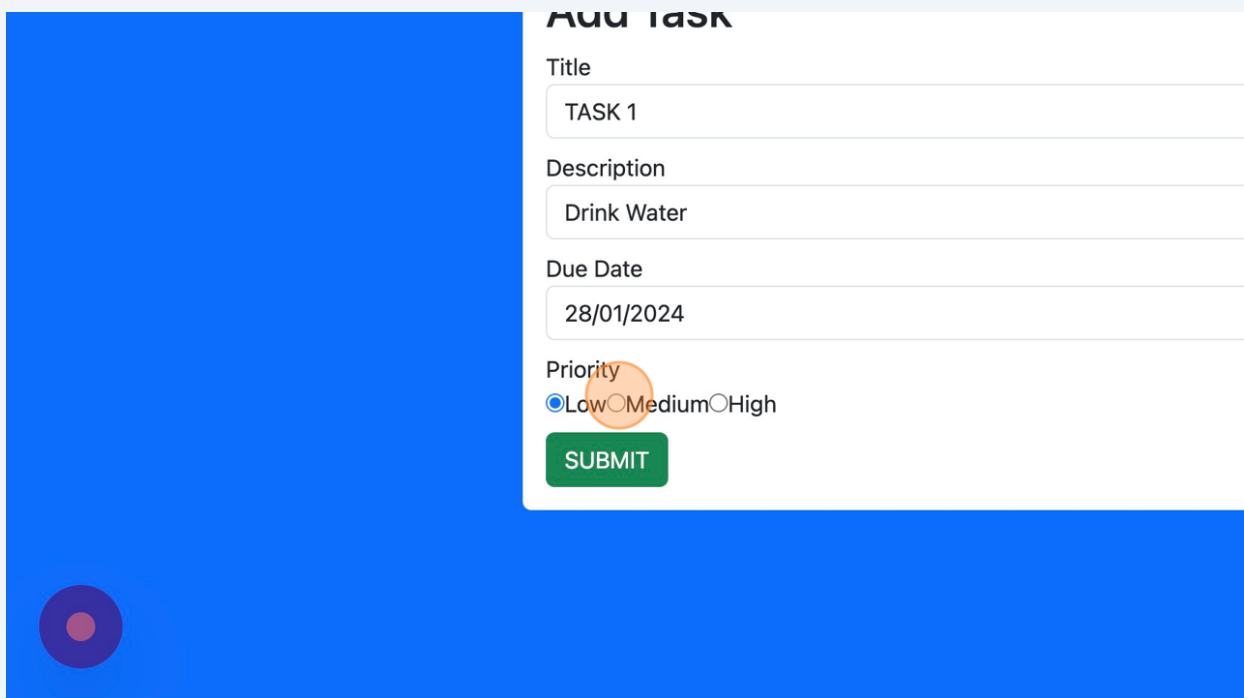
Click the "Due Date" field.



A screenshot of a task management interface. On the left, there is a white form with several input fields. The third field from the top is highlighted with a blue border. To the right of this field is a small orange circular icon containing a calendar symbol. The rest of the interface is a solid blue background.

8

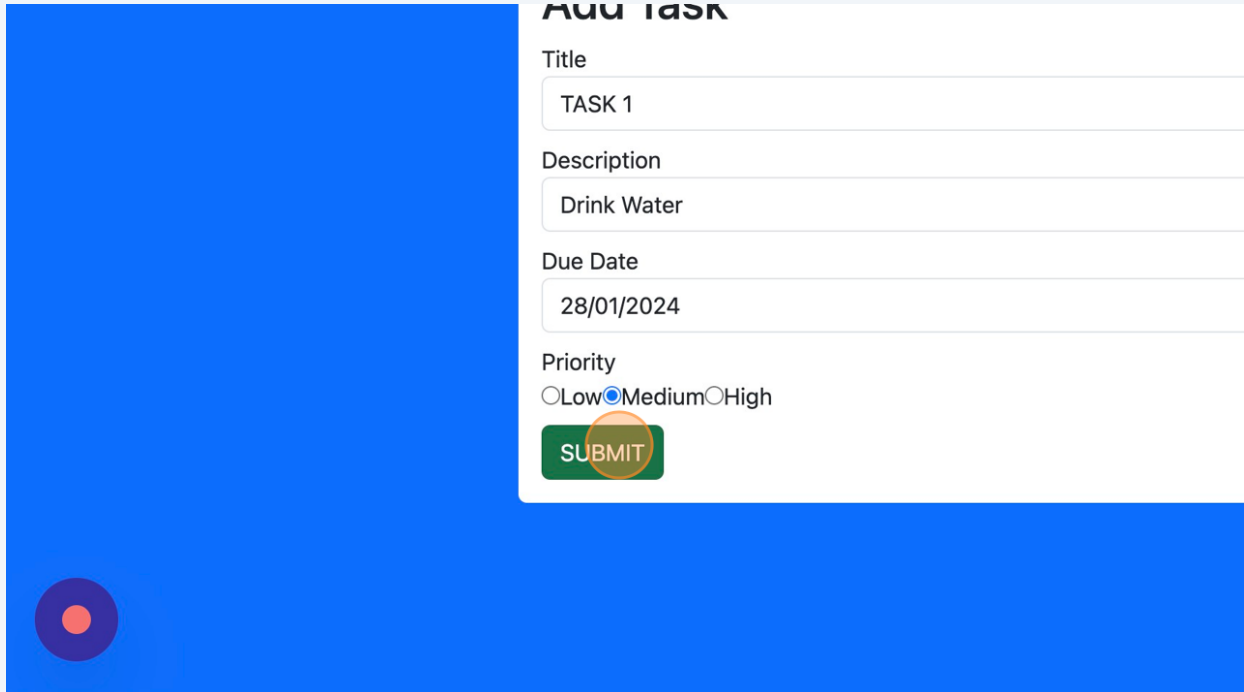
Click "Medium"



A screenshot of a task management interface titled "Add Task". The form is on the right side of a blue background. It contains the following fields: "Title" with the value "TASK 1", "Description" with the value "Drink Water", and "Due Date" with the value "28/01/2024". Below these is a "Priority" section with three radio buttons: "Low" (selected), "Medium" (highlighted with an orange circle), and "High". At the bottom of the form is a green "SUBMIT" button. In the bottom left corner of the blue background, there is a purple circular icon.

9

Click "SUBMIT"



**Add Task**

Title  
TASK 1

Description  
Drink Water

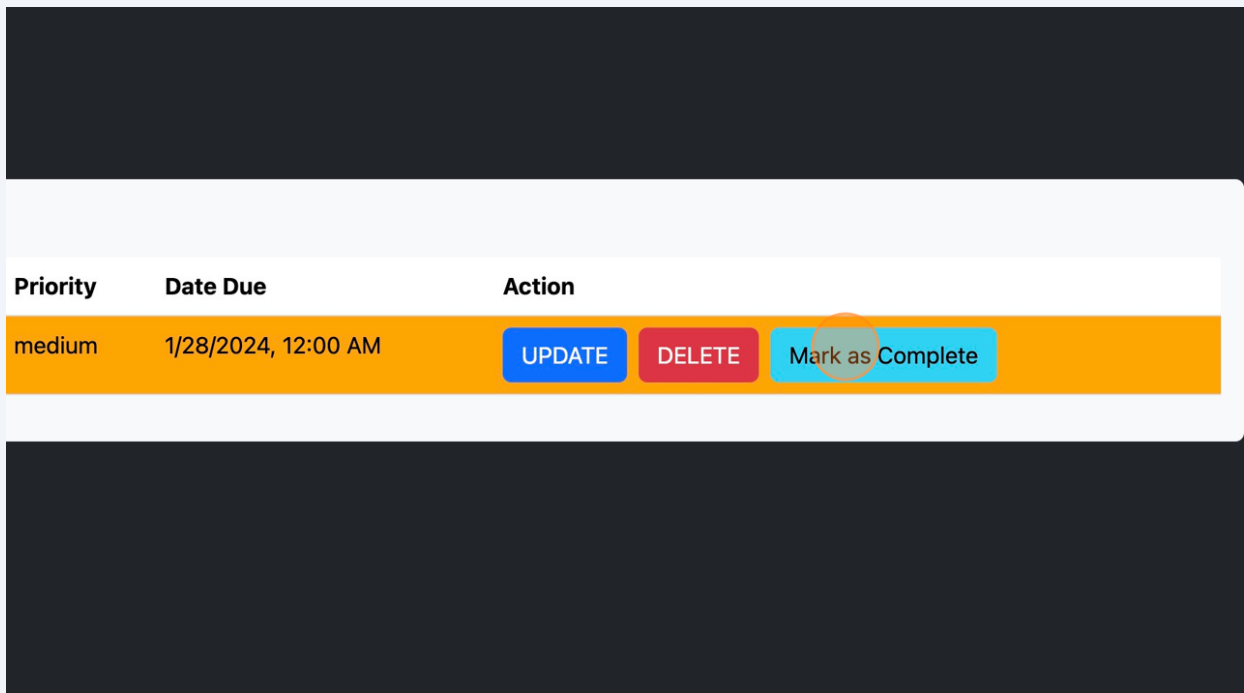
Due Date  
28/01/2024

Priority  
☐ Low ☒ Medium ☐ High

**SUBMIT**

10

Click "Mark as Complete"



Priority	Date Due	Action
medium	1/28/2024, 12:00 AM	<b>UPDATE</b> <b>DELETE</b> <b>Mark as Complete</b>



## 11 Click "Mark as Incomplete"

### MY TODO LIST

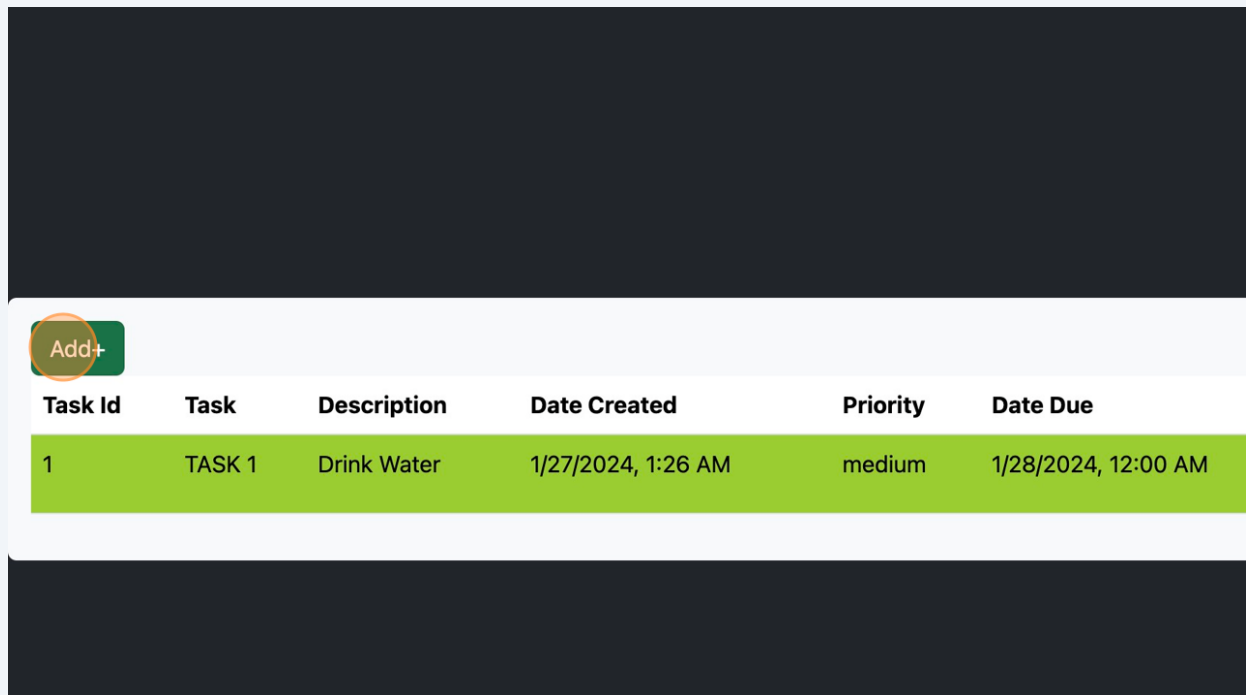
Add+

Task Id	Task	Description	Date Created	Priority	Date Due	Action
1	TASK 1	Drink Water	1/27/2024, 1:26 AM	medium	1/28/2024, 12:00 AM	<div><div>UPDATE</div><div>DELETE</div><div>Mark as Incomplete</div></div>

## 12 Click "Mark as Complete"

Priority	Date Due	Action
medium	1/28/2024, 12:00 AM	<div><div>UPDATE</div><div>DELETE</div><div>Mark as Complete</div></div>

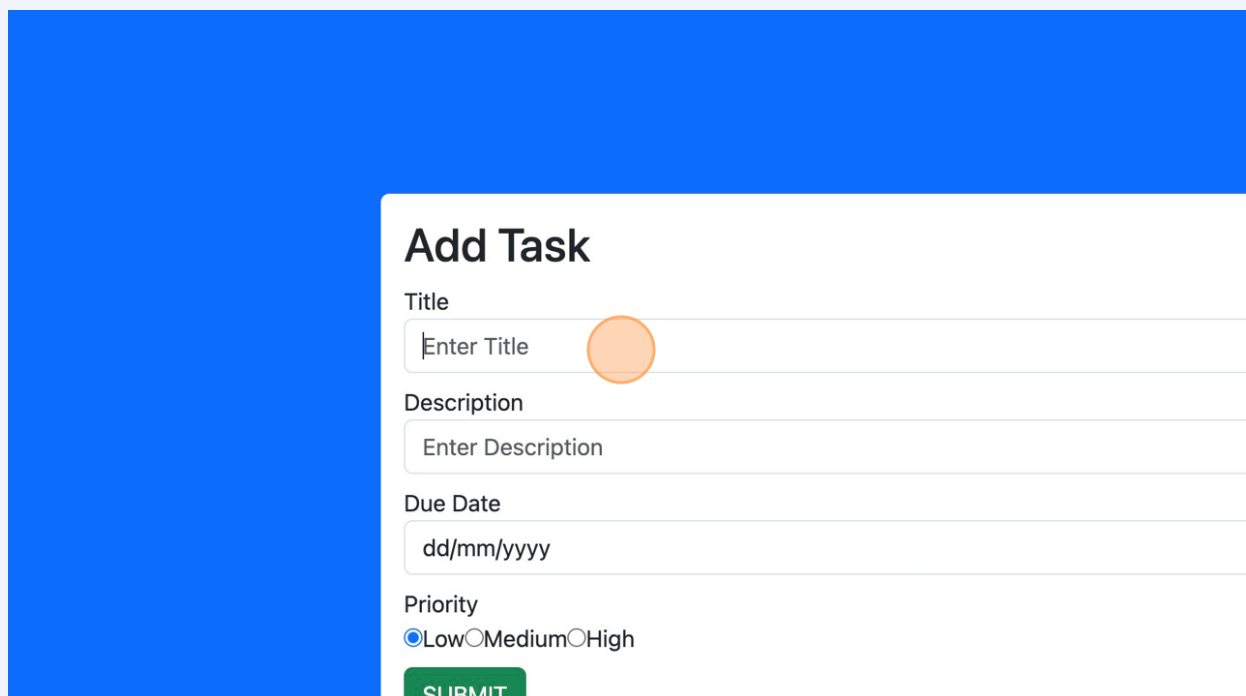
13 Click "Add+"



The screenshot shows a task management interface. At the top, there is a dark grey header bar. Below it, a table lists tasks. A green button labeled 'Add+' is positioned above the table. The table has six columns: Task Id, Task, Description, Date Created, Priority, and Date Due. The first row of the table is highlighted in green and contains the following data: Task Id: 1, Task: TASK 1, Description: Drink Water, Date Created: 1/27/2024, 1:26 AM, Priority: medium, Date Due: 1/28/2024, 12:00 AM. Below the table, there is a dark grey footer bar.

Task Id	Task	Description	Date Created	Priority	Date Due
1	TASK 1	Drink Water	1/27/2024, 1:26 AM	medium	1/28/2024, 12:00 AM

14 Click the "Title" field.



The screenshot shows a form titled 'Add Task' on a blue background. The form has five input fields: Title, Description, Due Date, and Priority. The 'Title' field is highlighted with an orange circle. Below the form, there is a green button labeled 'SUBMIT'.

**Add Task**

Title  
Enter Title

Description  
Enter Description

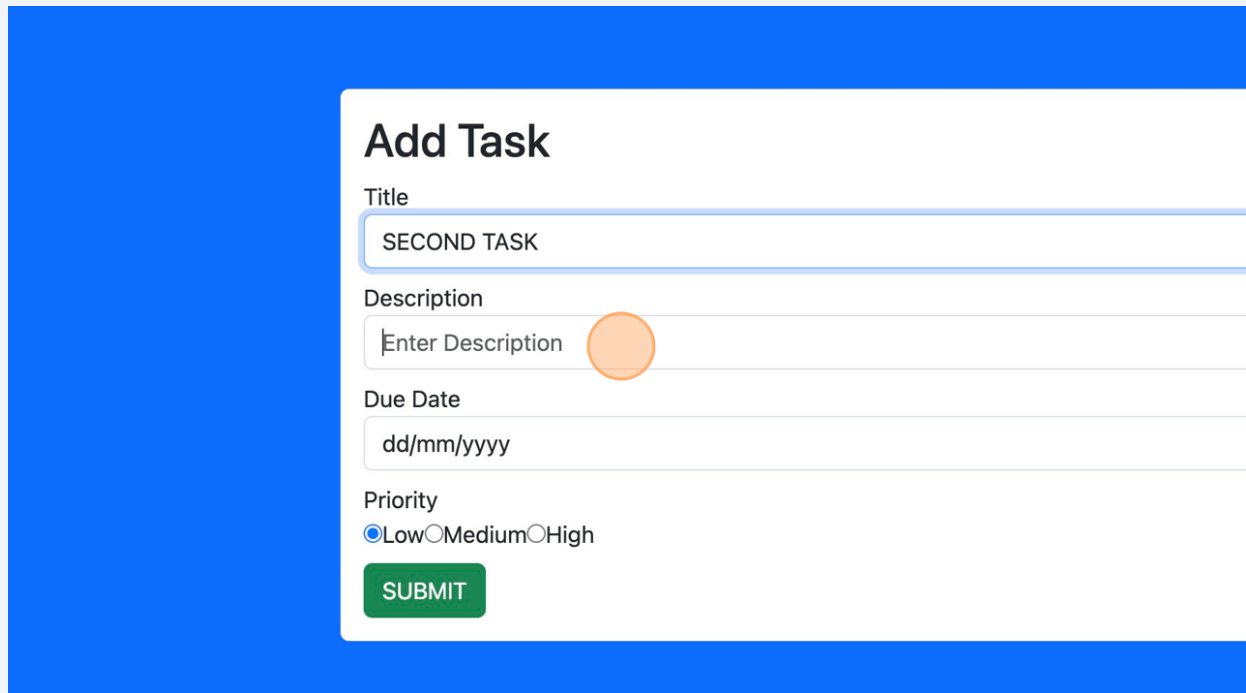
Due Date  
dd/mm/yyyy

Priority  
☒ Low ☐ Medium ☐ High

**SUBMIT**

**15** Type "SECOND TASK"

**16** Click the "Description" field.

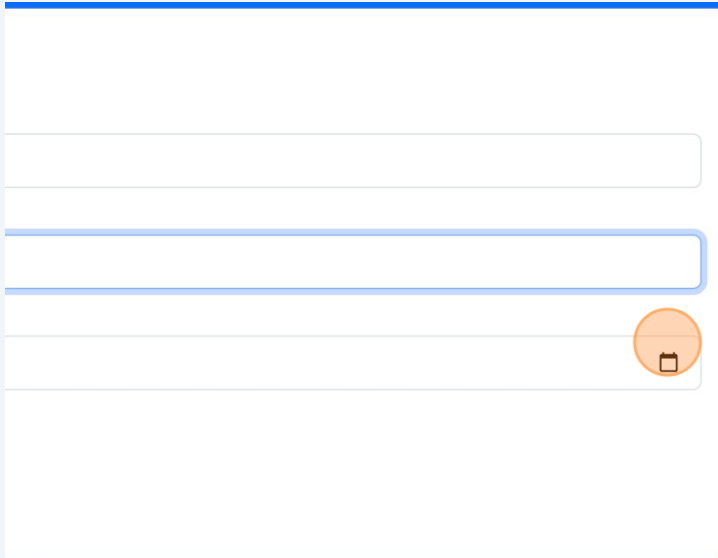


The screenshot shows a web form titled "Add Task" on a blue background. The form contains the following fields and controls:

- Title:** A text input field containing the text "SECOND TASK".
- Description:** A text input field with the placeholder text "Enter Description". An orange circle is positioned to the right of this field, indicating the click target for step 16.
- Due Date:** A text input field with the placeholder text "dd/mm/yyyy".
- Priority:** A section with three radio buttons labeled "Low", "Medium", and "High". The "Low" radio button is selected.
- SUBMIT:** A green button with the text "SUBMIT" in white capital letters.

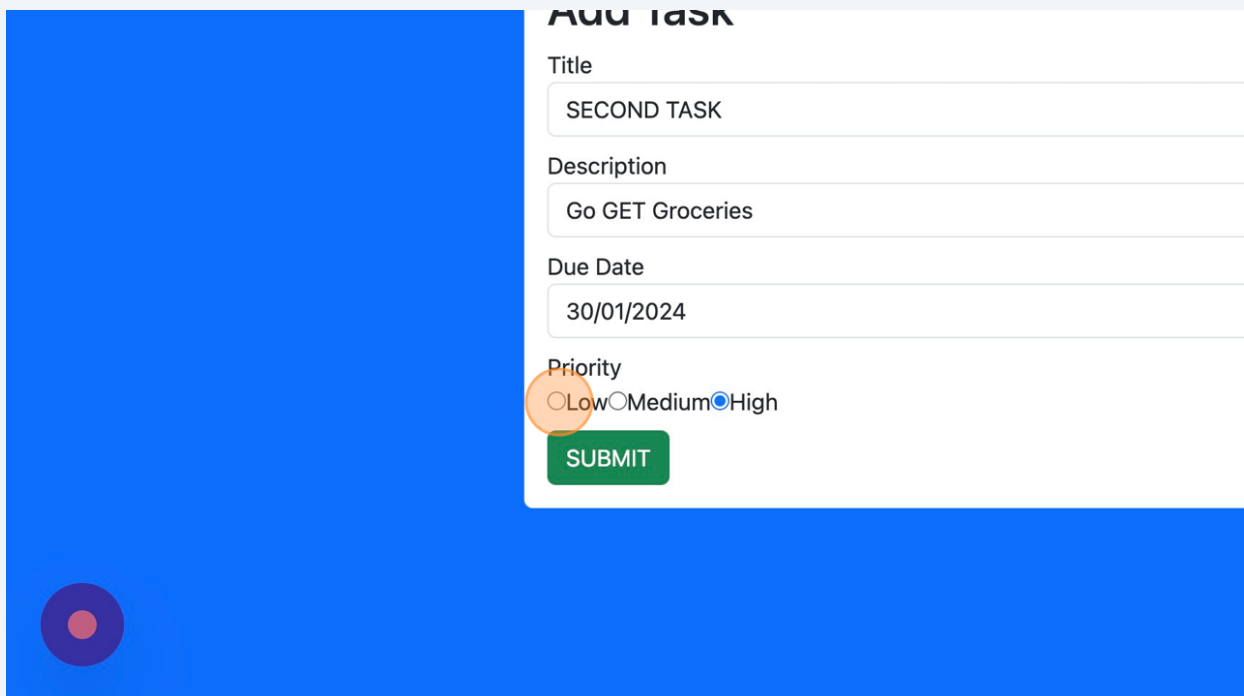
**17** Type "Go GET Groceries"

18 Click the "Due Date" field.



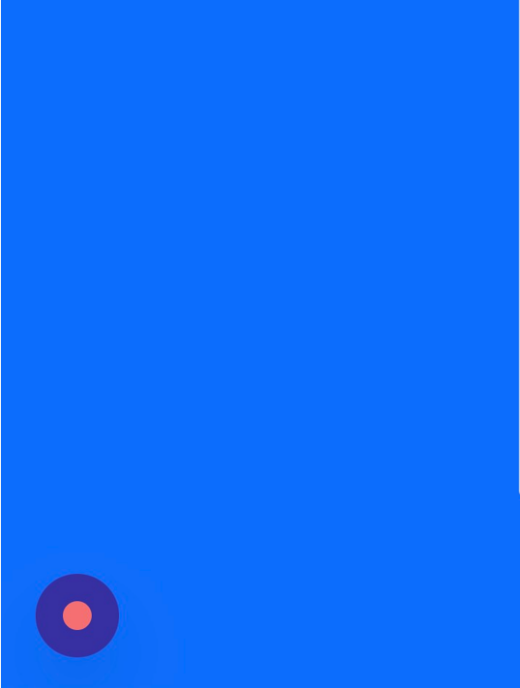
A screenshot of a task management interface. On the left, there is a white form with several input fields. The third field from the top is highlighted with a blue border. To the right of this field is a circular orange icon containing a calendar symbol. The background of the interface is a solid blue color.

19 Click "Low"



A screenshot of an 'Add Task' form. The form is white and contains the following fields: 'Title' with the value 'SECOND TASK', 'Description' with the value 'Go GET Groceries', and 'Due Date' with the value '30/01/2024'. Below these fields is a 'Priority' section with three radio button options: 'Low', 'Medium', and 'High'. The 'Low' option is highlighted with an orange circle. At the bottom of the form is a green 'SUBMIT' button. The background of the interface is a solid blue color.

20 Click "SUBMIT"



### Add Task

Title

SECOND TASK

Description

Go GET Groceries

Due Date

30/01/2024

Priority

☒ Low ☐ Medium ☐ High

**SUBMIT**

21 Click "Mark as Complete"

	Priority	Date Due	Action
M	medium	1/28/2024, 12:00 AM	<b>UPDATE</b> <b>DELETE</b> Mark as Incomplete
M	low	1/30/2024, 12:00 AM	<b>UPDATE</b> <b>DELETE</b> Mark as Complete

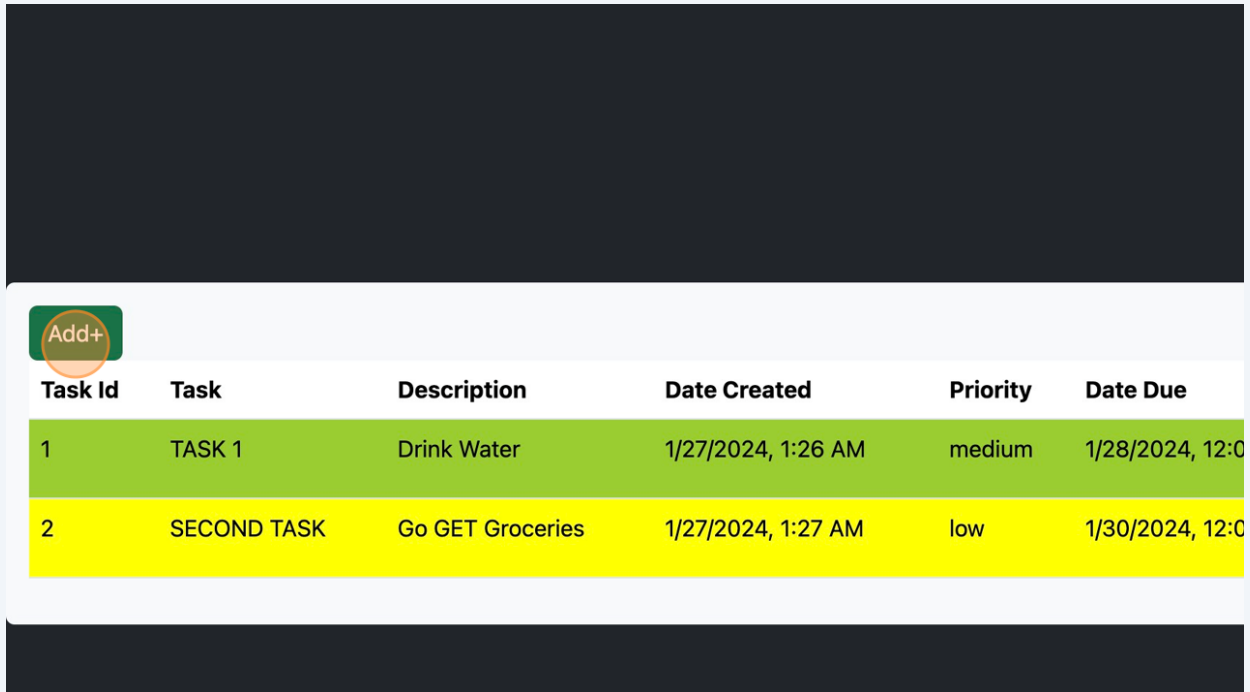
## 22 Click "Mark as Incomplete"

	Priority	Date Due	Action		
M	medium	1/28/2024, 12:00 AM	UPDATE	DELETE	Mark as Incomplete
M	low	1/30/2024, 12:00 AM	UPDATE	DELETE	Mark as Incomplete

## 23 Click "Mark as Complete"

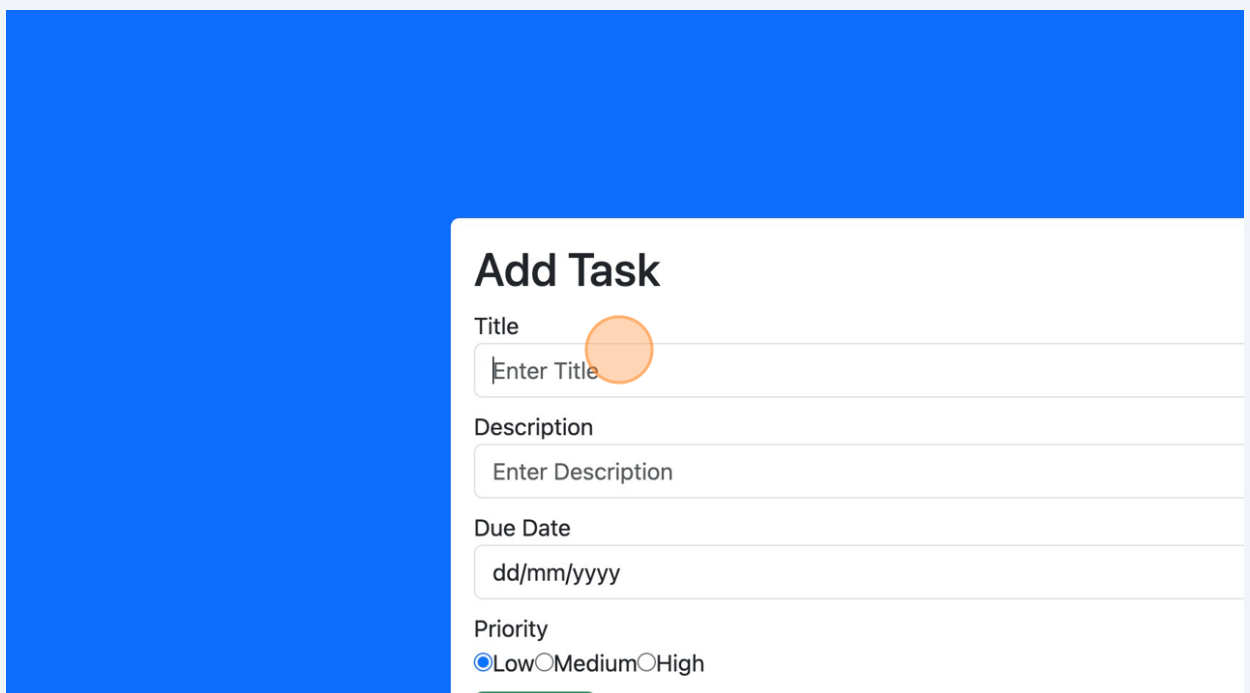
	Priority	Date Due	Action		
M	medium	1/28/2024, 12:00 AM	UPDATE	DELETE	Mark as Incomplete
M	low	1/30/2024, 12:00 AM	UPDATE	DELETE	Mark as Complete

24 Click "Add+"



Task Id	Task	Description	Date Created	Priority	Date Due
1	TASK 1	Drink Water	1/27/2024, 1:26 AM	medium	1/28/2024, 12:00 AM
2	SECOND TASK	Go GET Groceries	1/27/2024, 1:27 AM	low	1/30/2024, 12:00 AM

25 Click the "Title" field.



### Add Task

Title

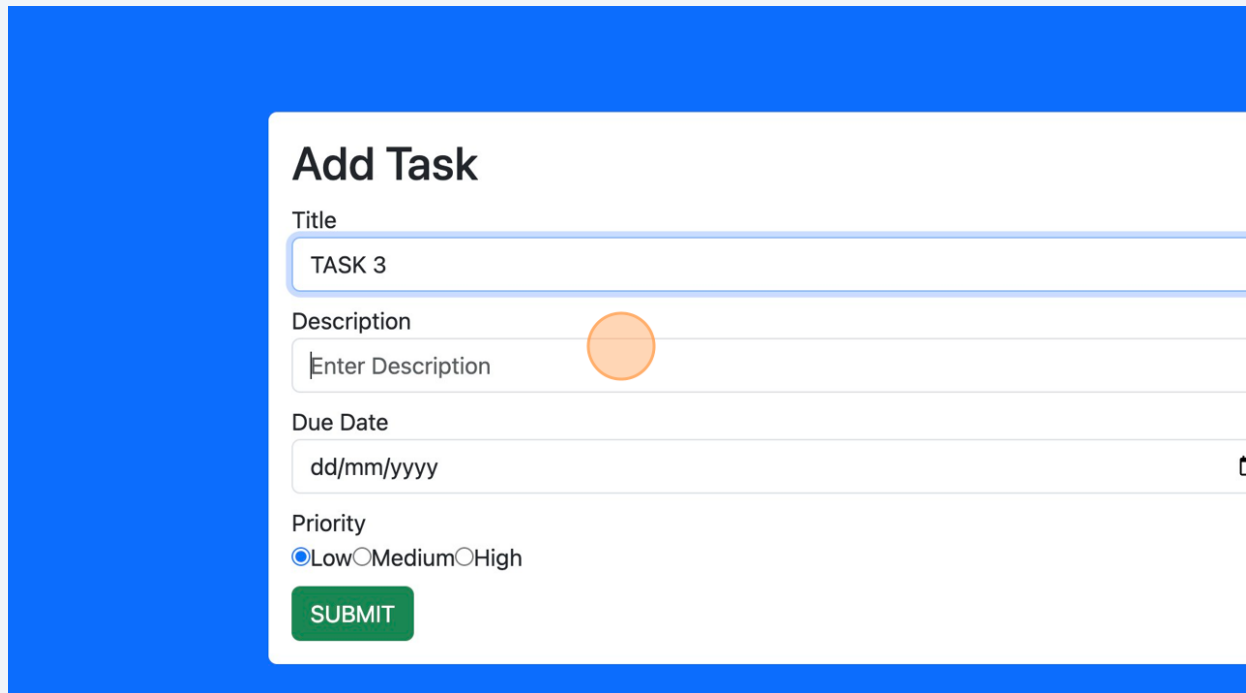
Description

Due Date

Priority  
☒ Low ☐ Medium ☐ High

26 Type "TASK 3"

27 Click the "Description" field.



The screenshot shows a web form titled "Add Task" on a blue background. The form has the following fields and elements:

- Title:** A text input field containing "TASK 3".
- Description:** A text input field with the placeholder text "Enter Description". An orange circle is drawn over this field, indicating it is the target for the next step.
- Due Date:** A text input field with the placeholder text "dd/mm/yyyy".
- Priority:** A section with three radio buttons labeled "Low", "Medium", and "High". The "Low" option is selected.
- SUBMIT:** A green button with the text "SUBMIT" in white.

28 Type "GET INTERNSHIP"



29

Click the "Due Date" field.

## Add Task


Title

TASK 3

Description

GET INTERNSHIP

Due Date

dd/mm/yyyy 

Priority

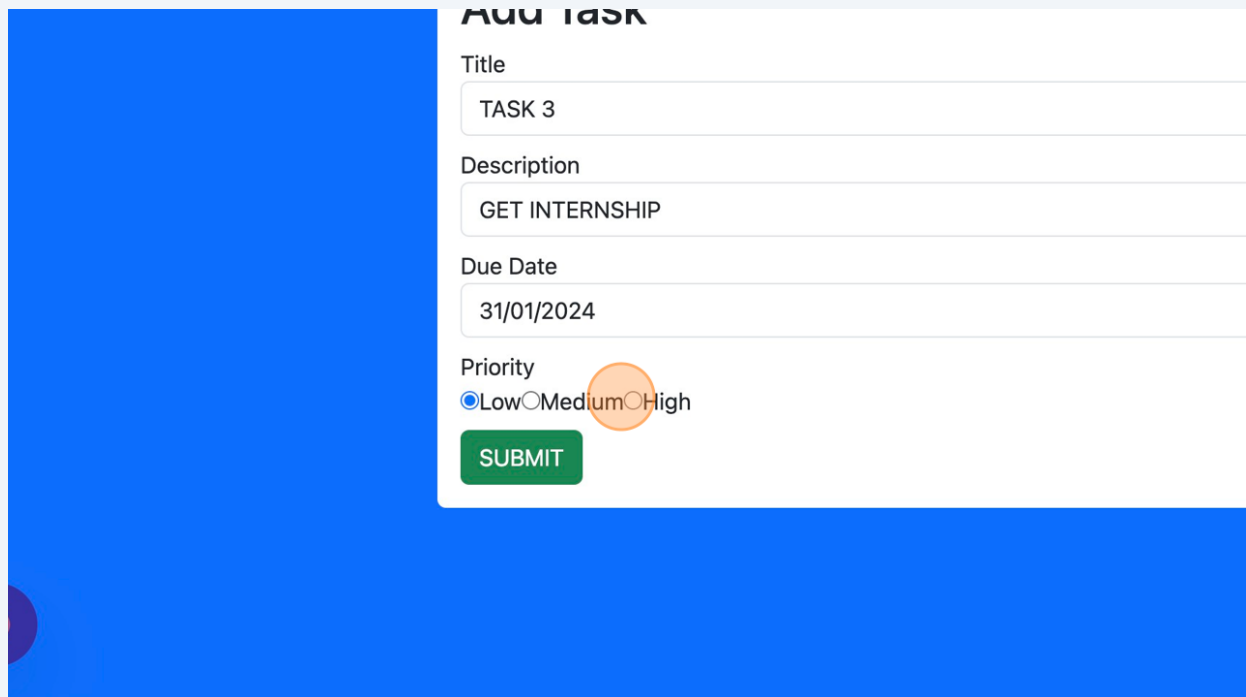
☒ Low ☐ Medium ☐ High

**SUBMIT**

30

Click the "Due Date" field.

31 Click the "High" field.



**Add Task**

Title  
TASK 3

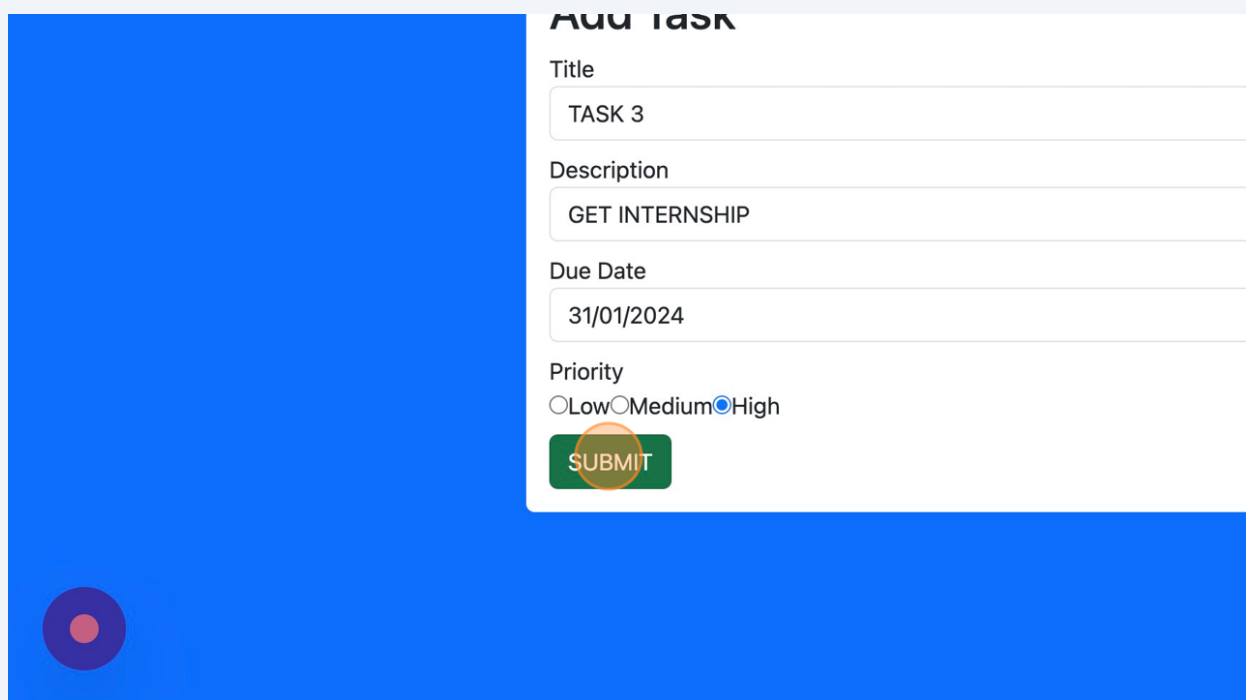
Description  
GET INTERNSHIP

Due Date  
31/01/2024

Priority  
☒ Low ☐ Medium ☐ High

**SUBMIT**

32 Click "SUBMIT"



**Add Task**

Title  
TASK 3

Description  
GET INTERNSHIP

Due Date  
31/01/2024

Priority  
☐ Low ☐ Medium ☒ High

**SUBMIT**

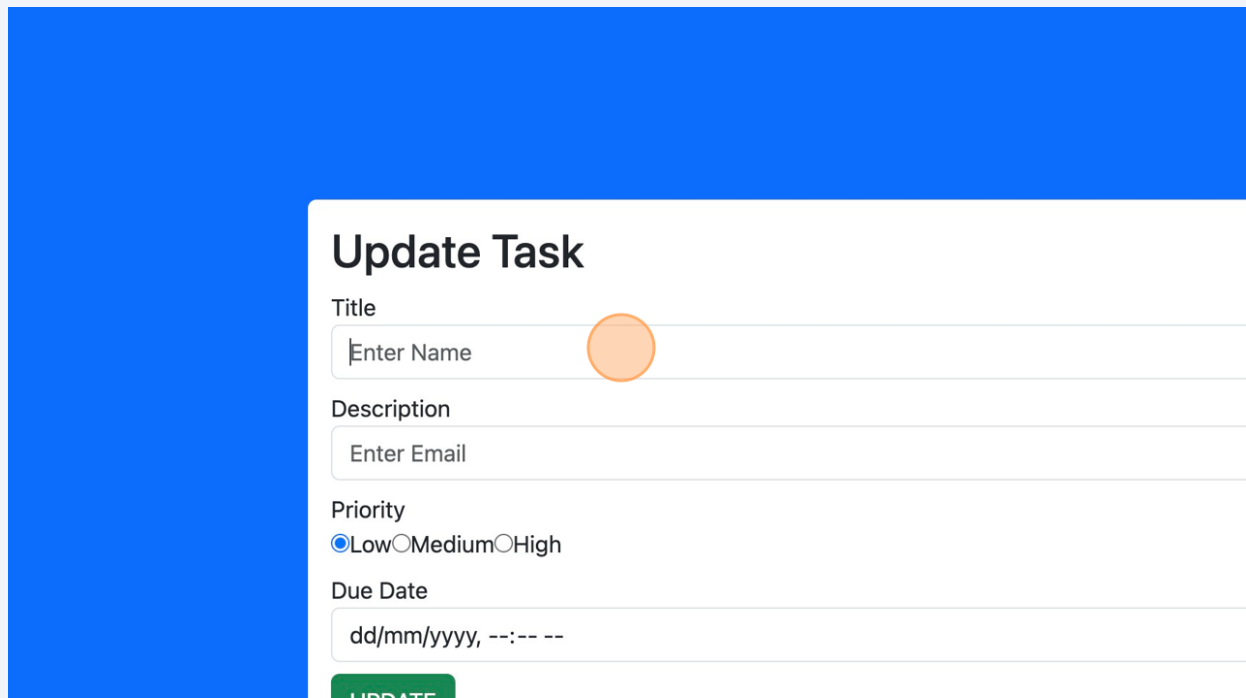
### 33 Click "DELETE"

Description	Date Created	Priority	Date Due	Action
Drink Water	1/27/2024, 1:26 AM	medium	1/28/2024, 12:00 AM	<a href="#">UPDATE</a> <a href="#">DELETE</a> <a href="#">Mark as Incomplete</a>
GET Groceries	1/27/2024, 1:27 AM	low	1/30/2024, 12:00 AM	<a href="#">UPDATE</a> <a href="#">DELETE</a> <a href="#">Mark as Complete</a>
INTERNSHIP	1/27/2024, 1:28 AM	high	1/31/2024, 12:00 AM	<a href="#">UPDATE</a> <a href="#">DELETE</a> <a href="#">Mark as Complete</a>

### 34 Click "UPDATE"

Description	Date Created	Priority	Date Due	Action
GET Groceries	1/27/2024, 1:27 AM	low	1/30/2024, 12:00 AM	<a href="#">UPDATE</a> <a href="#">DELETE</a> <a href="#">Mark as Complete</a>
INTERNSHIP	1/27/2024, 1:28 AM	high	1/31/2024, 12:00 AM	<a href="#">UPDATE</a> <a href="#">DELETE</a> <a href="#">Mark as Complete</a>

**35** Click the "Title" field.



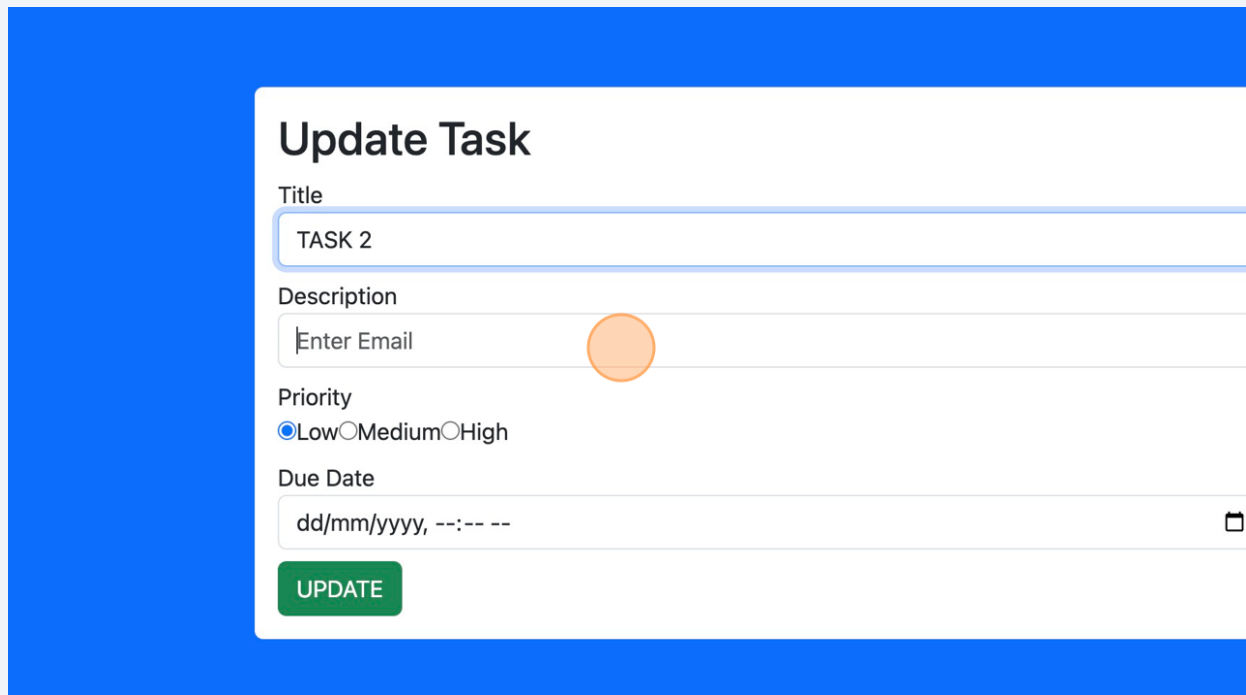
The screenshot shows a web interface with a blue header and a white sidebar. The main content area contains a form titled "Update Task". The form has the following fields:

- Title**: A text input field with the placeholder "Enter Name". An orange circle highlights this field.
- Description**: A text input field with the placeholder "Enter Email".
- Priority**: A group of three radio buttons labeled "Low", "Medium", and "High". The "Low" radio button is selected.
- Due Date**: A text input field with the placeholder "dd/mm/yyyy, --:-- --".

At the bottom of the form is a green button labeled "UPDATE".

**36** Type "TASK 2"

**37** Click the "Description" field.

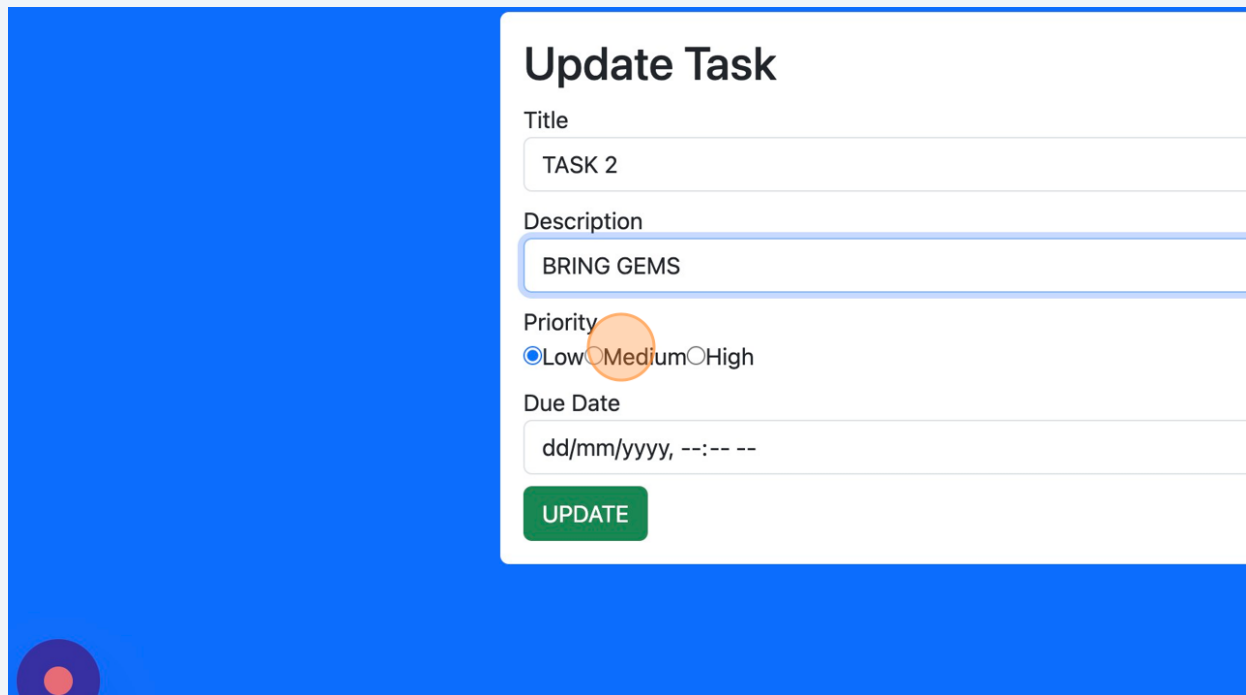


The screenshot shows a web interface with a blue header and a white sidebar. The main content area is white and contains a form titled "Update Task". The form has the following fields:

- Title**: A text input field containing "TASK 2".
- Description**: A text input field containing "Enter Email". An orange circle is placed over this field, indicating it is the target for the next step.
- Priority**: A group of three radio buttons labeled "Low", "Medium", and "High". The "Low" radio button is selected.
- Due Date**: A date input field with the placeholder text "dd/mm/yyyy, --:-- --" and a calendar icon on the right.
- UPDATE**: A green button with white text.

**38** Type "BRING GEMS"

39 Click "Medium"



The screenshot shows a web interface with a large blue sidebar on the left and a white content area on the right. The content area contains a form titled "Update Task". The form has four sections: "Title" with a text input containing "TASK 2"; "Description" with a text input containing "BRING GEMS"; "Priority" with three radio button options: "Low" (selected), "Medium" (highlighted with an orange circle), and "High"; and "Due Date" with a text input containing "dd/mm/yyyy, --:-- --". Below the form is a green "UPDATE" button. A small purple circular icon is visible in the bottom-left corner of the blue sidebar.

### Update Task

Title  
TASK 2

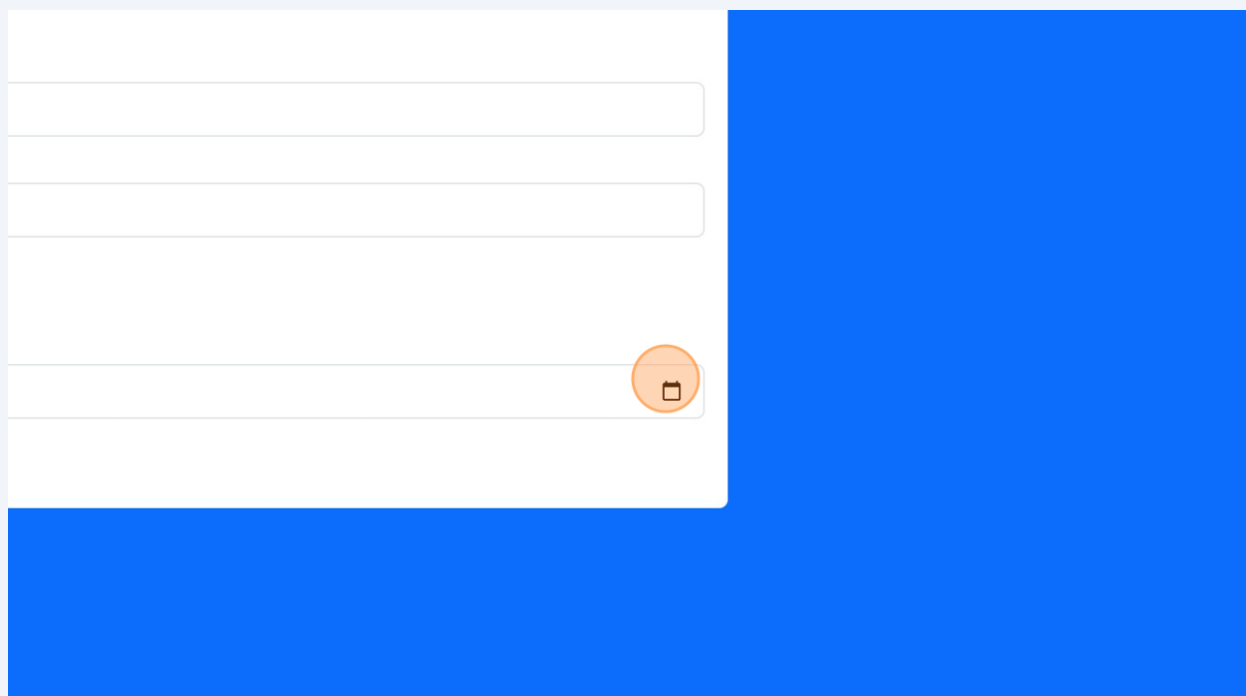
Description  
BRING GEMS

Priority  
☒ Low ☐ Medium ☐ High

Due Date  
dd/mm/yyyy, --:-- --

UPDATE

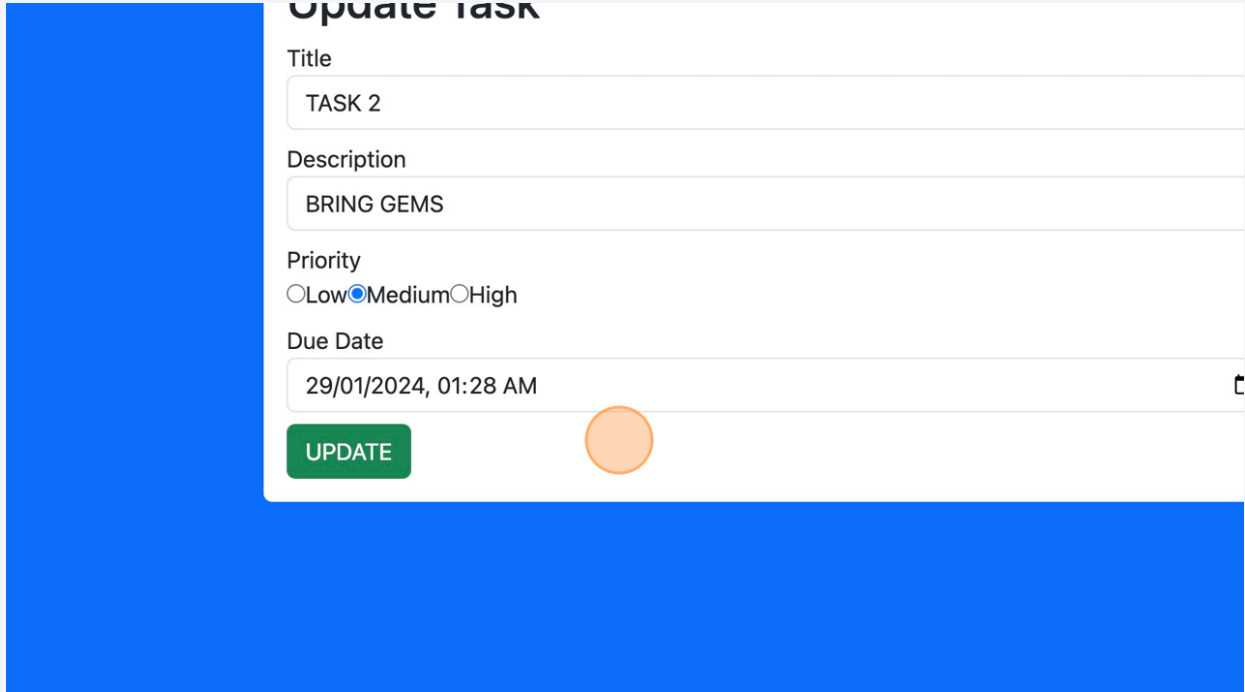
40 Click the "Due Date" field.



The screenshot shows a web interface with a large blue sidebar on the right and a white content area on the left. The content area contains a form with several text input fields. The bottom-most input field has a calendar icon (a small square with a date) highlighted with an orange circle. The blue sidebar is empty.

41

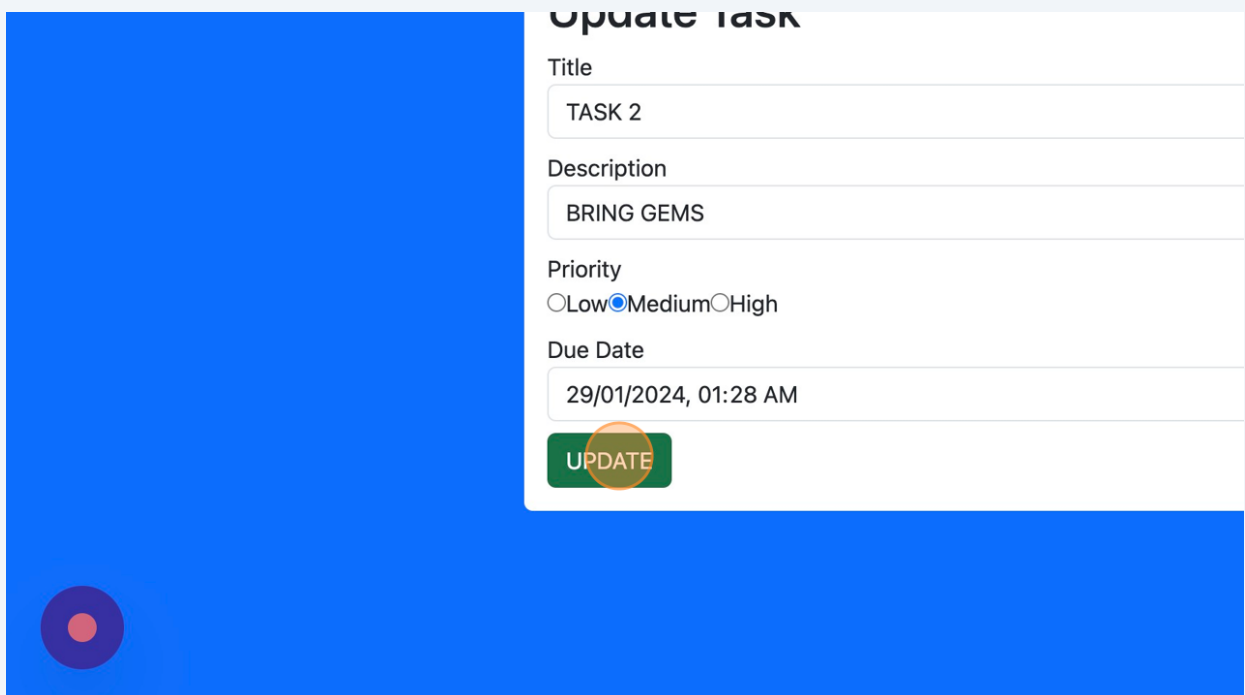
Click "Update Task"  
Title  
Description  
Priority  
LowMediumHigh  
Due Date  
UPDATE"



The screenshot shows a web form titled "Update Task" on a blue background. The form has the following fields: "Title" with the value "TASK 2", "Description" with the value "BRING GEMS", "Priority" with radio buttons for "Low", "Medium" (selected), and "High", and "Due Date" with the value "29/01/2024, 01:28 AM". A green "UPDATE" button is at the bottom left of the form. An orange circle is placed over the "UPDATE" button.

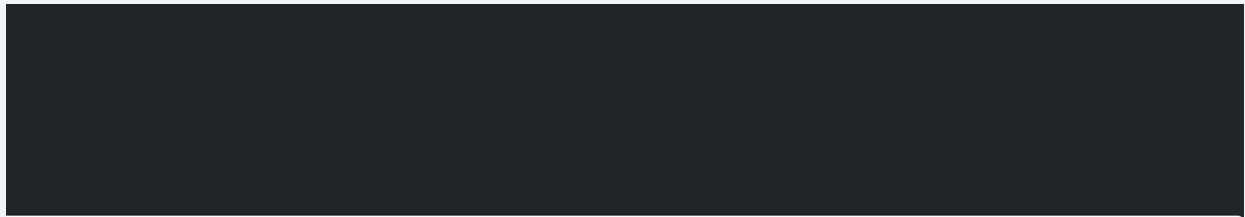
42

Click "UPDATE"

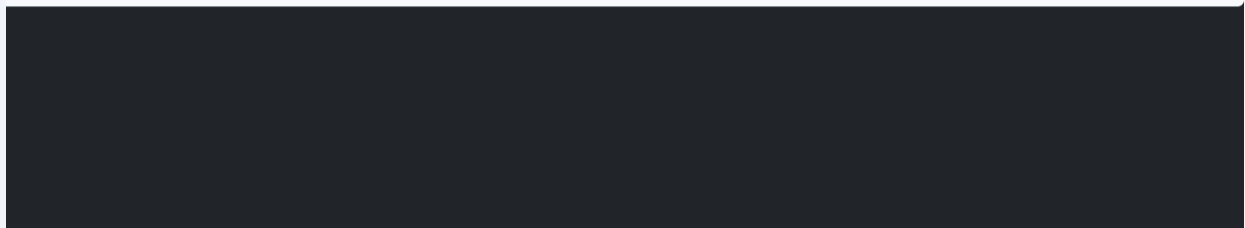


This screenshot is identical to the one above, showing the "Update Task" form. However, a purple circle is placed over the "UPDATE" button instead of an orange one. Additionally, a purple bullseye icon is visible in the bottom-left corner of the blue background area.

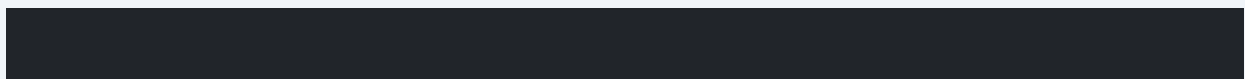
#### 43 Click "Mark as Complete"



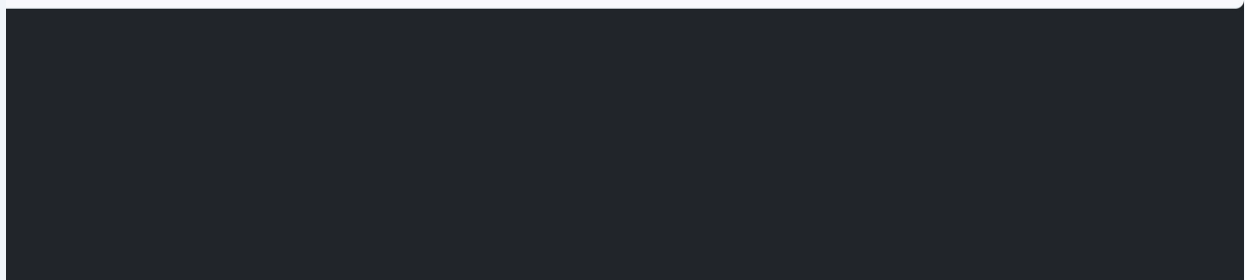
n	Date Created	Priority	Date Due	Action		
MS	1/27/2024, 1:27 AM	medium	1/29/2024, 12:00 AM	UPDATE	DELETE	Mark as Complete
NSHIP	1/27/2024, 1:28 AM	high	1/31/2024, 12:00 AM	UPDATE	DELETE	Mark as Complete



#### 44 Click "Mark as Complete"



Priority	Date Due	Action		
medium	1/29/2024, 12:00 AM	UPDATE	DELETE	Mark as Incomplete
high	1/31/2024, 12:00 AM	UPDATE	DELETE	Mark as Complete





45 Click "DELETE"

Priority	Date Due	Action
medium	1/29/2024, 12:00 AM	<a href="#">UPDATE</a> <a href="#">DELETE</a> <a href="#">Mark as Incomplete</a>
high	1/31/2024, 12:00 AM	<a href="#">UPDATE</a> <a href="#">DELETE</a> <a href="#">Mark as Incomplete</a>

46 Click "DELETE"

Priority	Date Due	Action
high	1/31/2024, 12:00 AM	<a href="#">UPDATE</a> <a href="#">DELETE</a> <a href="#">Mark as Incomplete</a>