

# AWT Project User Interface

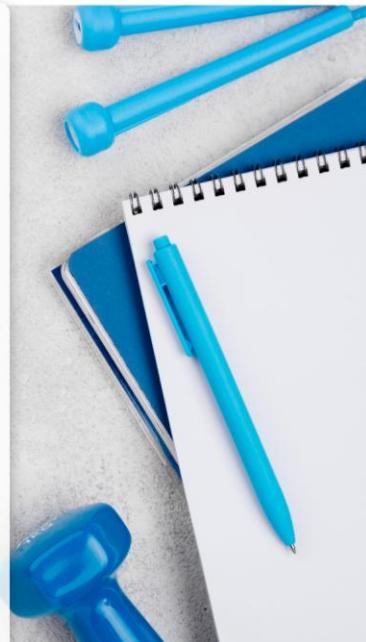
## TASK MANAGEMENT SYSTEM

Name	Aryan Ambre
Problem Definition	<ul style="list-style-type: none"><li>Managing tasks efficiently is often challenging for individuals and teams, leading to missed deadlines, disorganization, and poor productivity.</li><li>Existing methods like spreadsheets or basic to-do lists fail to support effective collaboration, task prioritization, and real-time progress tracking.</li><li>A robust, centralized task management system is needed to enhance organization, streamline task assignments, and improve team coordination.</li></ul>
Problem Objectives	<ul style="list-style-type: none"><li>The goal of this project is to design and implement a Task Management System using ASP.NET, which enables users to create, assign, prioritize, and track tasks.</li><li>It will facilitate collaboration, provide progress tracking, and allow time management through a user-friendly interface.</li><li>The system will ensure data security, improve productivity, and streamline task management processes.</li></ul>

## SCREENSHOTS

### 1. USER-INTERFACE

- Register Page



**Create an Account**

Full Name Name is required.

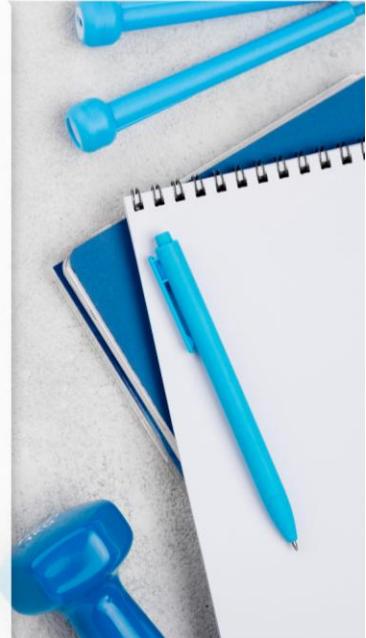
Email Email is required.

Password Password is required.

Confirm Password

**Register**

Already have an account? [Login here](#)



**Create an Account**

ABC

abc@gmail.com

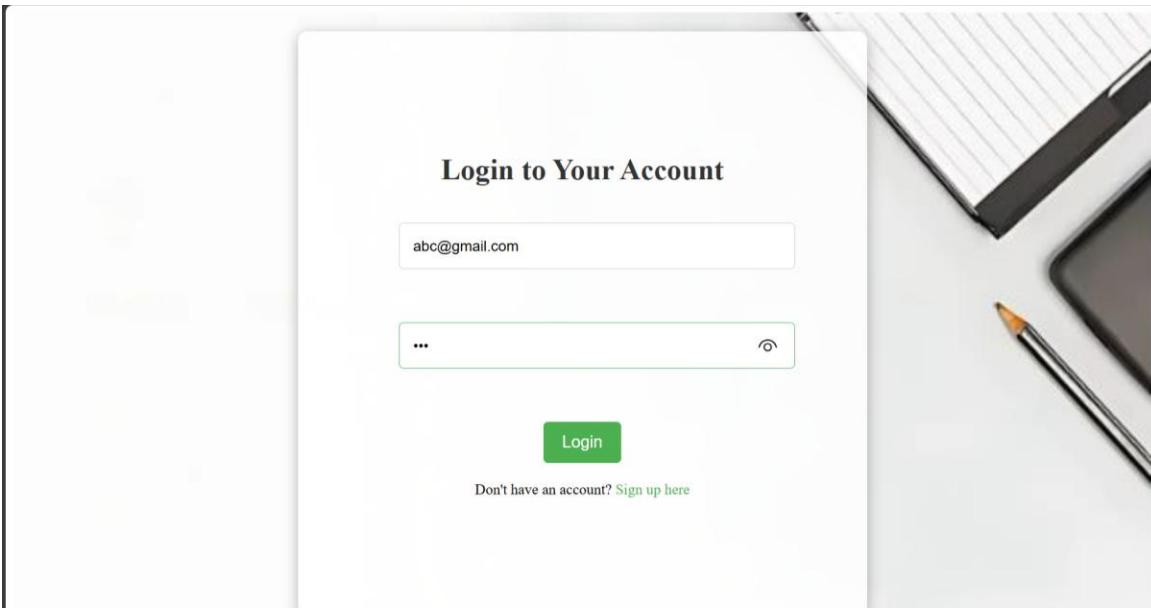
...

...

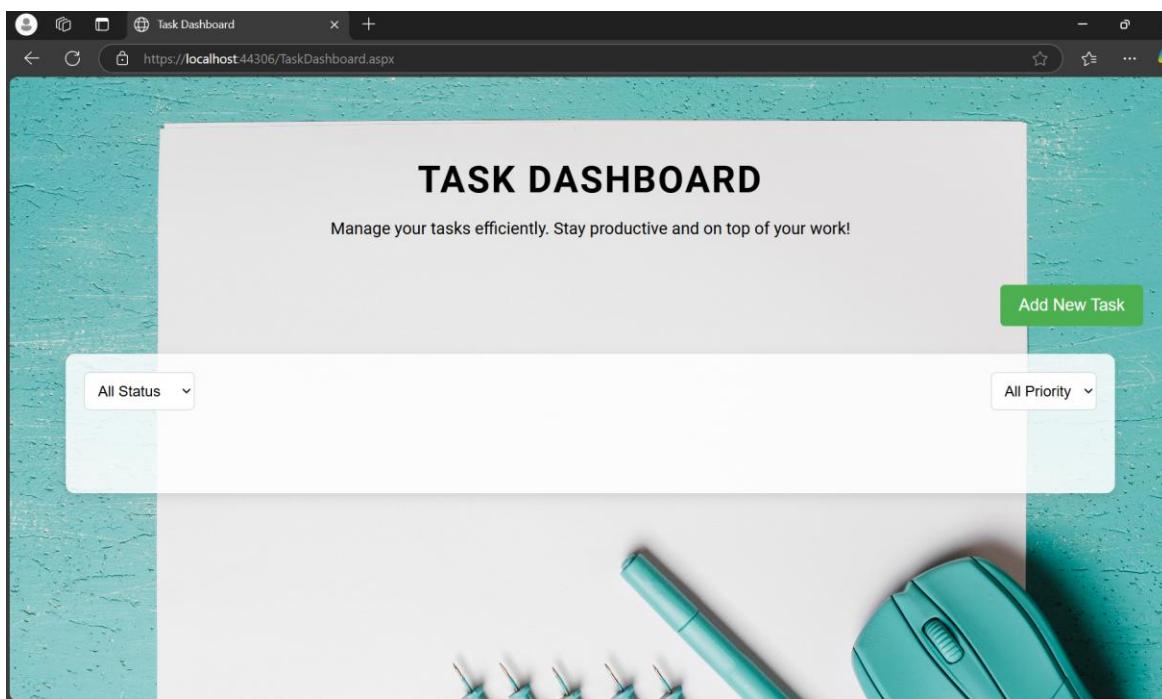
**Register**

Already have an account? [Login here](#)

- **Login-Page**



- **Dashboard view**



## 2. CRUD Operations

- **Adding Task**

The screenshots demonstrate the task management application's interface for adding and viewing tasks.

**Add Task Modal:**

- Task Title:** MATHS
- Description:** Solving arithmetic problems
- Priority:** High
- Due Date:** 10-01-2025

**Task Dashboard:**

Task ID	Title	Status	Priority	Due Date	Actions	
1	MATHS	Pending	High	10-01-2025 00:00:00	<button>Update</button>	<button>Delete</button>
2	Science	Pending	Medium	08-01-2025 00:00:00	<button>Update</button>	<button>Delete</button>
3	Drawing	Pending	Low	12-01-2025 00:00:00	<button>Update</button>	<button>Delete</button>

- **Update Task**

https://localhost:44306/UpdateTask.aspx?taskId=2

Edit Task

Science

Experiments

Pending

Medium

08 - 01 - 2025

Save Changes

https://localhost:44306/UpdateTask.aspx?taskId=2

Edit Task

Science

Experiments

Completed

Medium

08 - 01 - 2025

Save Changes

- After Updating the task:

The screenshot shows a web browser window titled "Task Dashboard" with the URL <https://localhost:44306/TaskDashboard.aspx>. The page has a teal header and a white content area. At the top right is a green "Add New Task" button. Below it are two dropdown filters: "All Status" and "All Priority". The main content is a table with the following data:

Task ID	Title	Status	Priority	Due Date	Actions	
1	MATHS	Pending	High	10-01-2025 00:00:00	<button>Update</button>	<button>Delete</button>
2	Science	Completed	Medium	08-01-2025 00:00:00	<button>Update</button>	<button>Delete</button>
3	Drawing	Pending	Low	12-01-2025 00:00:00	<button>Update</button>	<button>Delete</button>

- Delete Task

The screenshot shows a web browser window titled "Task Dashboard" with the URL <https://localhost:44306/TaskDashboard.aspx>. A dark gray confirmation dialog box is centered over the page, containing the text "localhost:44306 says" and "Are you sure you want to delete this task?". At the bottom of the dialog are "OK" and "Cancel" buttons. The background of the page shows the same task list as the previous screenshot, with one additional row:

Task ID	Title	Status	Priority	Due Date	Actions	
1	MATHS	Pending	High	10-01-2025 00:00:00	<button>Update</button>	<button>Delete</button>
2	Science	Completed	Medium	08-01-2025 00:00:00	<button>Update</button>	<button>Delete</button>
3	Drawing	Pending	Low	12-01-2025 00:00:00	<button>Update</button>	<button>Delete</button>
4	Exam	Pending	High	07-01-2025 00:00:00	<button>Update</button>	<button>Delete</button>

### 3. Use of Filters

#### A. Filtering the Priority

- High

The screenshot shows a "TASK DASHBOARD" interface. At the top right is a green "Add New Task" button. Below it is a dropdown menu set to "All Status". On the right, another dropdown menu is set to "High". A table displays one task:

Task ID	Title	Status	Priority	Due Date	Actions
1	MATHS	Pending	High	10-01-2025 00:00:00	<button>Update</button> <button>Delete</button>

- Medium

The screenshot shows a "TASK DASHBOARD" interface. At the top right is a green "Add New Task" button. Below it is a dropdown menu set to "All Status". On the right, another dropdown menu is set to "Medium". A table displays one task:

Task ID	Title	Status	Priority	Due Date	Actions
2	Science	Completed	Medium	08-01-2025 00:00:00	<button>Update</button> <button>Delete</button>

- **Low**

The screenshot shows a "TASK DASHBOARD" interface. At the top center is the title "TASK DASHBOARD". Below it is a subtitle: "Manage your tasks efficiently. Stay productive and on top of your work!". On the right side, there is a green button labeled "Add New Task". On the left, there are two dropdown menus: "All Status" and "Low". A table below displays one task:

Task ID	Title	Status	Priority	Due Date	Actions
3	Drawing	Pending	Low	12-01-2025 00:00:00	<button>Update</button> <button>Delete</button>

## B. Filtering the Status

- **Pending-High**

The screenshot shows a "TASK DASHBOARD" interface. At the top center is the title "TASK DASHBOARD". Below it is a subtitle: "Manage your tasks efficiently. Stay productive and on top of your work!". On the right side, there is a green button labeled "Add New Task". On the left, there are two dropdown menus: "Pending" and "High". A table below displays one task:

Task ID	Title	Status	Priority	Due Date	Actions
1	MATHS	Pending	High	10-01-2025 00:00:00	<button>Update</button> <button>Delete</button>

- Pending - Low

The screenshot shows a task management application interface titled "TASK DASHBOARD". The header includes the tagline "Manage your tasks efficiently. Stay productive and on top of your work!". A green button labeled "Add New Task" is located in the top right corner. Below the header, there are two dropdown filters: "Pending" on the left and "Low" on the right. A table displays a single task row:

Task ID	Title	Status	Priority	Due Date	Actions
3	Drawing	Pending	Low	12-01-2025 00:00:00	<button>Update</button> <button>Delete</button>

The background features a teal textured pattern with a white notepad and a teal pen visible at the bottom.

- Completed - Medium

The screenshot shows a task management application interface titled "TASK DASHBOARD". The header includes the tagline "Manage your tasks efficiently. Stay productive and on top of your work!". A green button labeled "Add New Task" is located in the top right corner. Below the header, there are two dropdown filters: "Completed" on the left and "Medium" on the right. A table displays a single task row:

Task ID	Title	Status	Priority	Due Date	Actions
2	Science	Completed	Medium	08-01-2025 00:00:00	<button>Update</button> <button>Delete</button>

The background features a teal textured pattern with a white notepad and a teal pen visible at the bottom.

## **4. Databases in System**

- DatabaseTable1(Tasks)**

dbo.Tasks [Data]									dbo.Users [Data]	SQLQuery1.sql	Web.config	Register.aspx	⚙️
▶	↻	✖️	✳️	Max Rows:	1000	⬇️	⬇️	⬇️	⬇️	⬇️	⬇️	⬇️	⬇️
	TaskID	UserID	Title	Description	Status	Priority	DueDate	CreatedAt					
▶	1	2	MATHS	Solving arithmetic pr...	Pending	High	10-01-2025	04-01-2025 18:09:09					
	2	2	Science	Experiments	Completed	Medium	08-01-2025	04-01-2025 18:09:51					
	3	2	Drawing	Draw a picture and c...	Pending	Low	12-01-2025	04-01-2025 18:10:33					
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL					

- DatabaseTable2(Users)**

dbo.Users [Data]					SQLQuery1.sql	Web.config	Register.aspx	⚙️
▶	↻	✖️	✳️	Max Rows:	1000	⬇️	⬇️	⬇️
	UserID	Name	Email	Password				
▶	1	Ronaldo	ronaldo@gmail.com	ronaldo				
	2	ABC	abc@gmail.com	ABC				
*	NULL	NULL	NULL	NULL				