

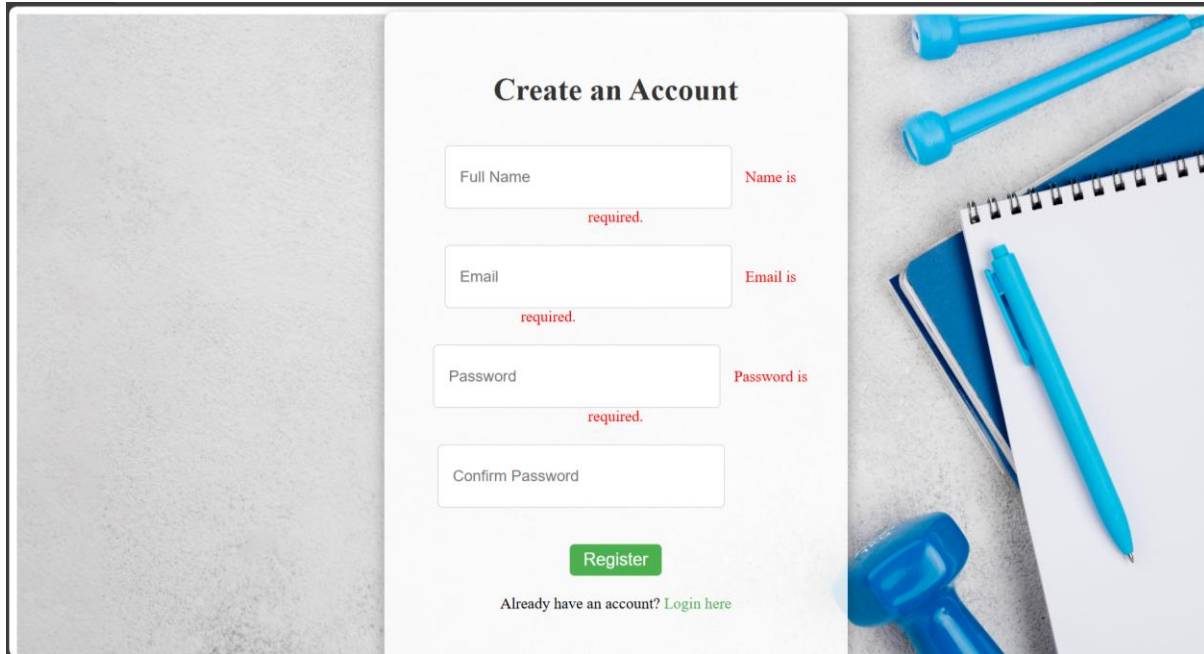
AWT Project User Interface

TASK MANAGEMENT SYSTEM	
Name	Aryan Ambre
Problem Definition	<ul style="list-style-type: none">• Managing tasks efficiently is often challenging for individuals and teams, leading to missed deadlines, disorganization, and poor productivity.• Existing methods like spreadsheets or basic to-do lists fail to support effective collaboration, task prioritization, and real-time progress tracking.• A robust, centralized task management system is needed to enhance organization, streamline task assignments, and improve team coordination.
Problem Objectives	<ul style="list-style-type: none">• 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.• It will facilitate collaboration, provide progress tracking, and allow time management through a user-friendly interface.• The system will ensure data security, improve productivity, and streamline task management processes.

SCREENSHOTS

1. USER-INTERFACE

- Register Page



This screenshot shows the 'Create an Account' form on the Register Page. The form is centered on a light gray background. To the right of the form, there is a decorative image of a blue pen, a blue highlighter, and a blue notebook. The form consists of four input fields: 'Full Name', 'Email', 'Password', and 'Confirm Password'. Each field has a corresponding label to its right: 'Name is', 'Email is', 'Password is', and 'Confirm Password'. Below each label, the text 'required.' is displayed in red. A green 'Register' button is located below the 'Confirm Password' field. At the bottom of the form, there is a link that says 'Already have an account? Login here'.

Create an Account

Full Name Name is required.

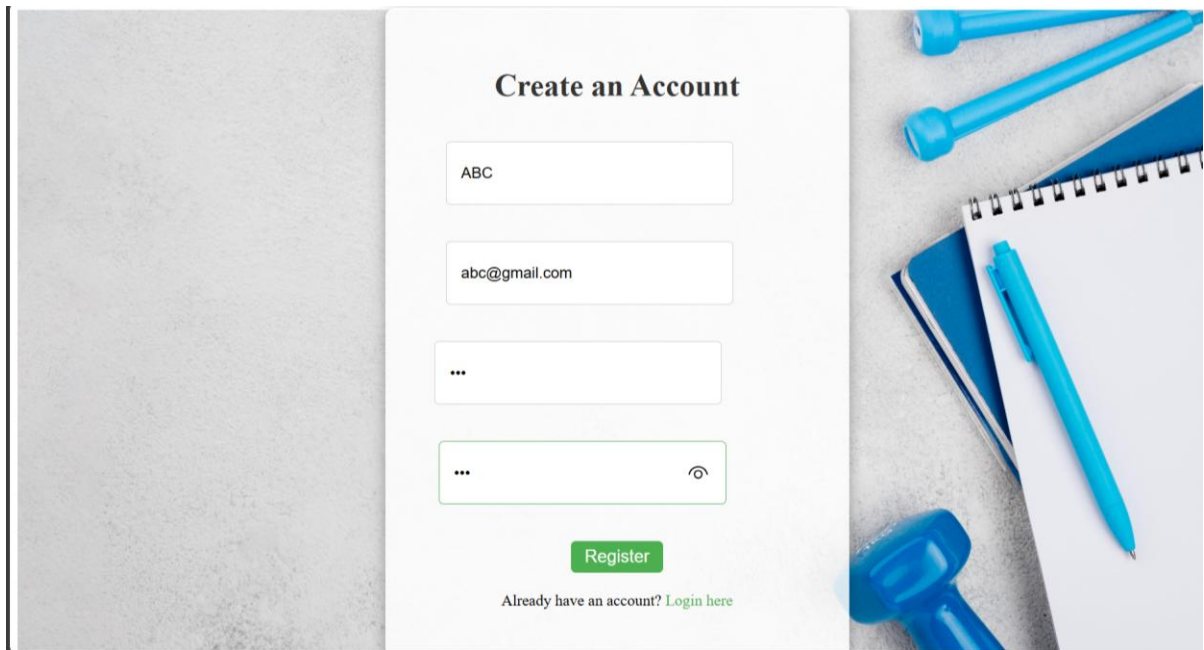
Email Email is required.

Password Password is required.

Confirm Password

[Register](#)

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




This screenshot shows the 'Create an Account' form on the Register Page, now filled with sample data. The 'Full Name' field contains 'ABC', the 'Email' field contains 'abc@gmail.com', and the 'Password' and 'Confirm Password' fields contain three dots. A small eye icon is visible next to the 'Confirm Password' field, indicating a toggle for password visibility. The 'Register' button and the 'Login here' link remain at the bottom of the form.

Create an Account

ABC

abc@gmail.com

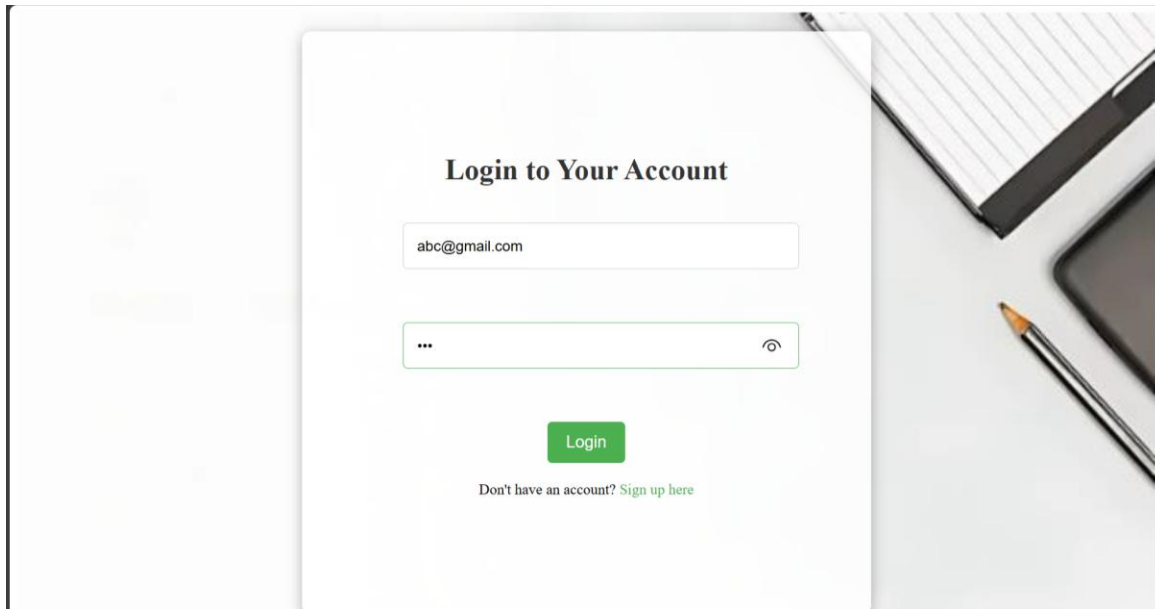
...

... 

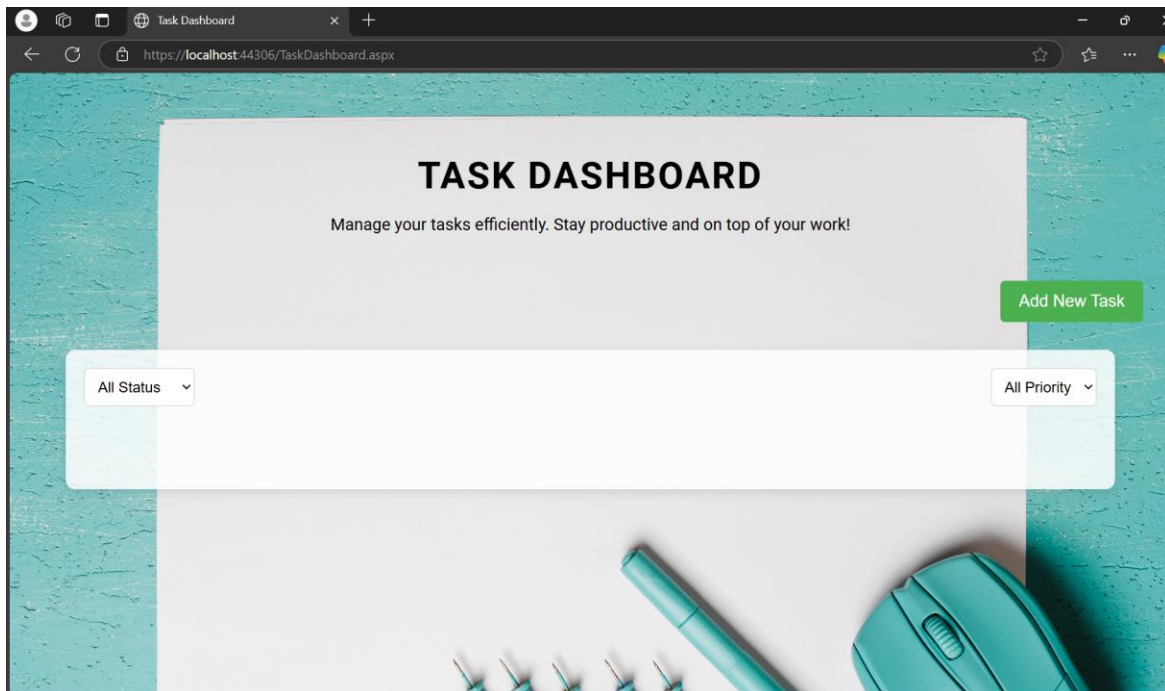
[Register](#)

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

- **Login-Page**



- **Dashboard view**



2. CRUD Operations

- Adding Task

The image shows two screenshots of a web application. The top screenshot displays the 'Add Task' form, which is a modal overlay on a background image of a desk with a smartphone and a notebook. The form contains the following fields:

- Task Title:** A text input field containing 'MATHS'.
- Description:** A text input field containing 'Solving arithmetic problems'.
- Priority:** A dropdown menu with 'High' selected.
- Due Date:** A date input field showing '10-01-2025'.
- Save Task:** A green button at the bottom of the form.

The bottom screenshot shows the 'Task Dashboard' page. It features a header with the title 'TASK DASHBOARD' and the subtitle 'Manage your tasks efficiently. Stay productive and on top of your work!'. A green 'Add New Task' button is located in the top right corner. Below the header, there are two dropdown menus: 'All Status' and 'All Priority'. The main content area contains 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	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

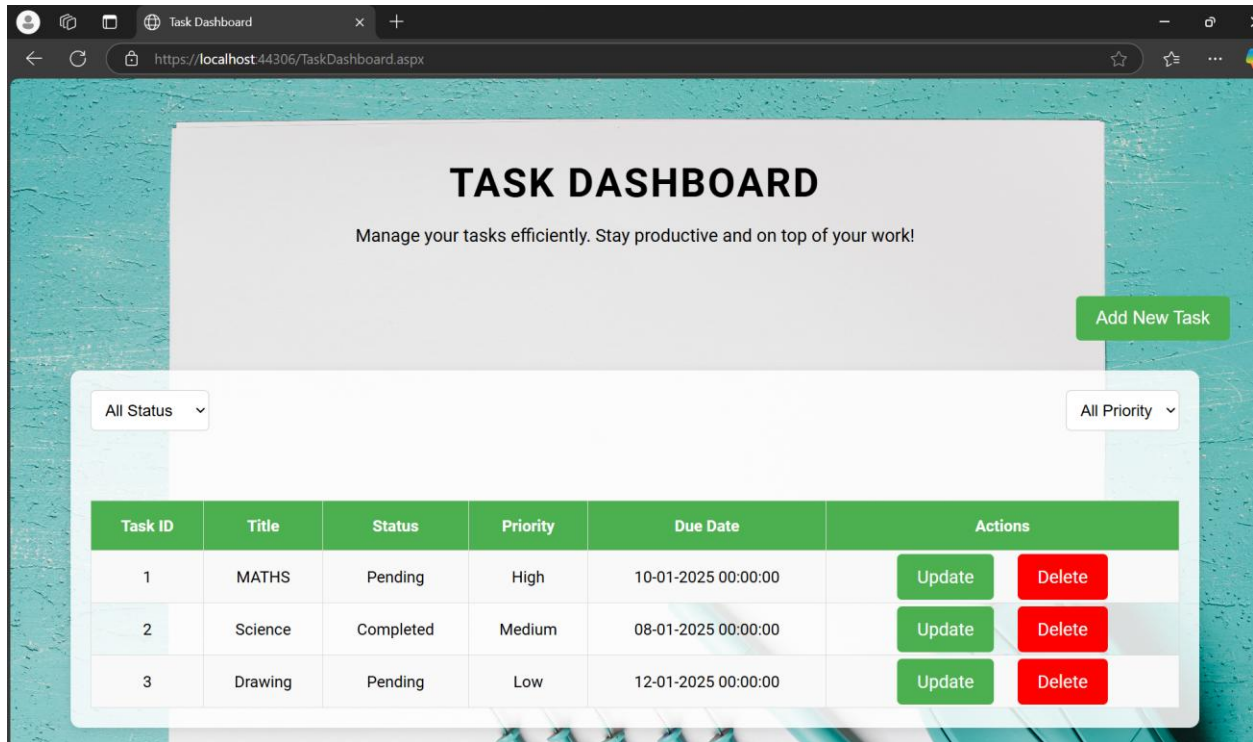
Completed

Medium

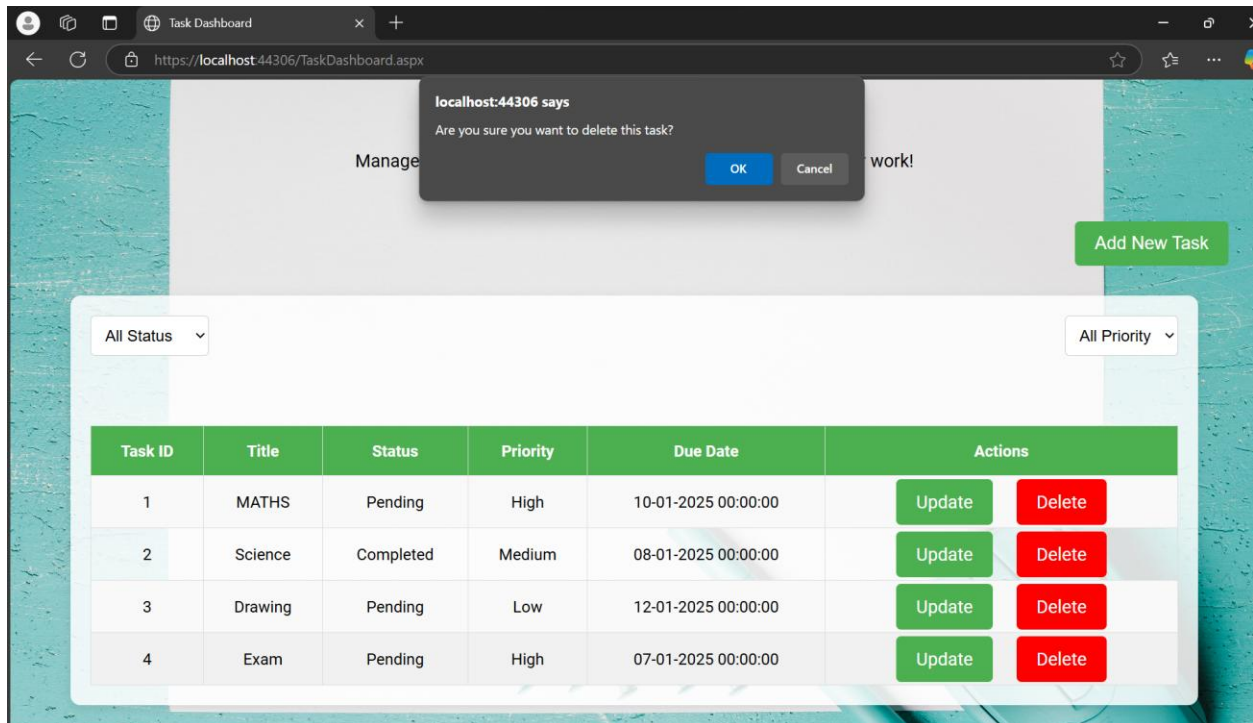
08-01-2025

Save Changes

- **After Updating the task:**



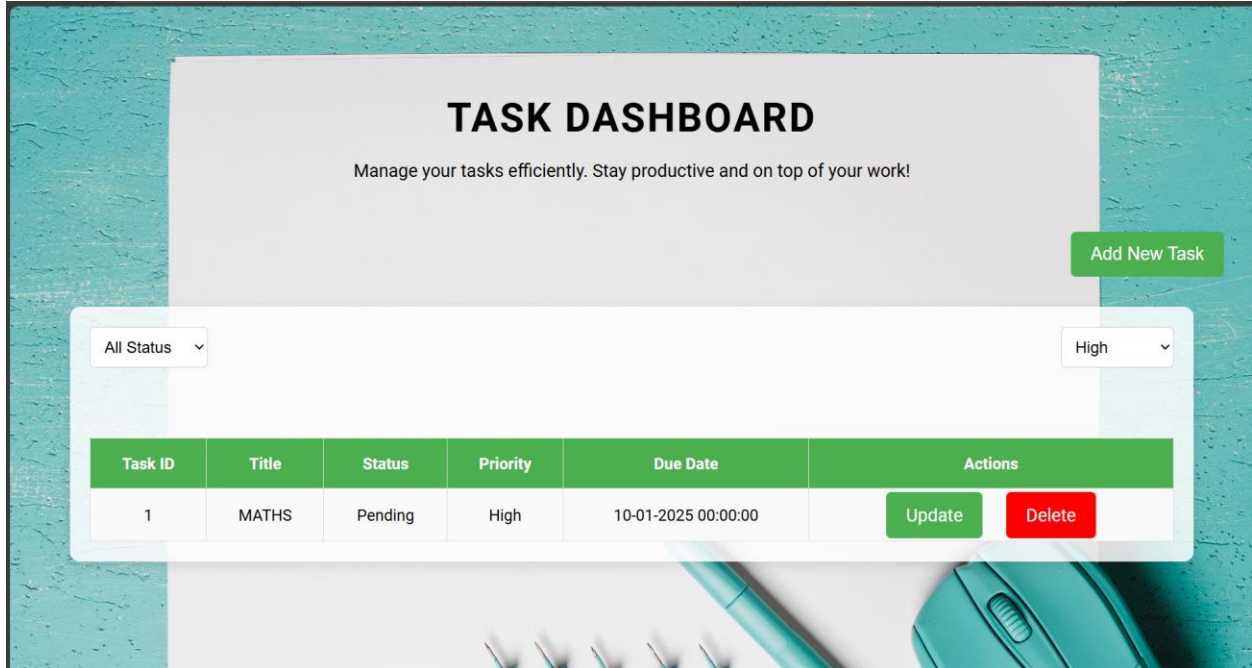
- **Delete Task**



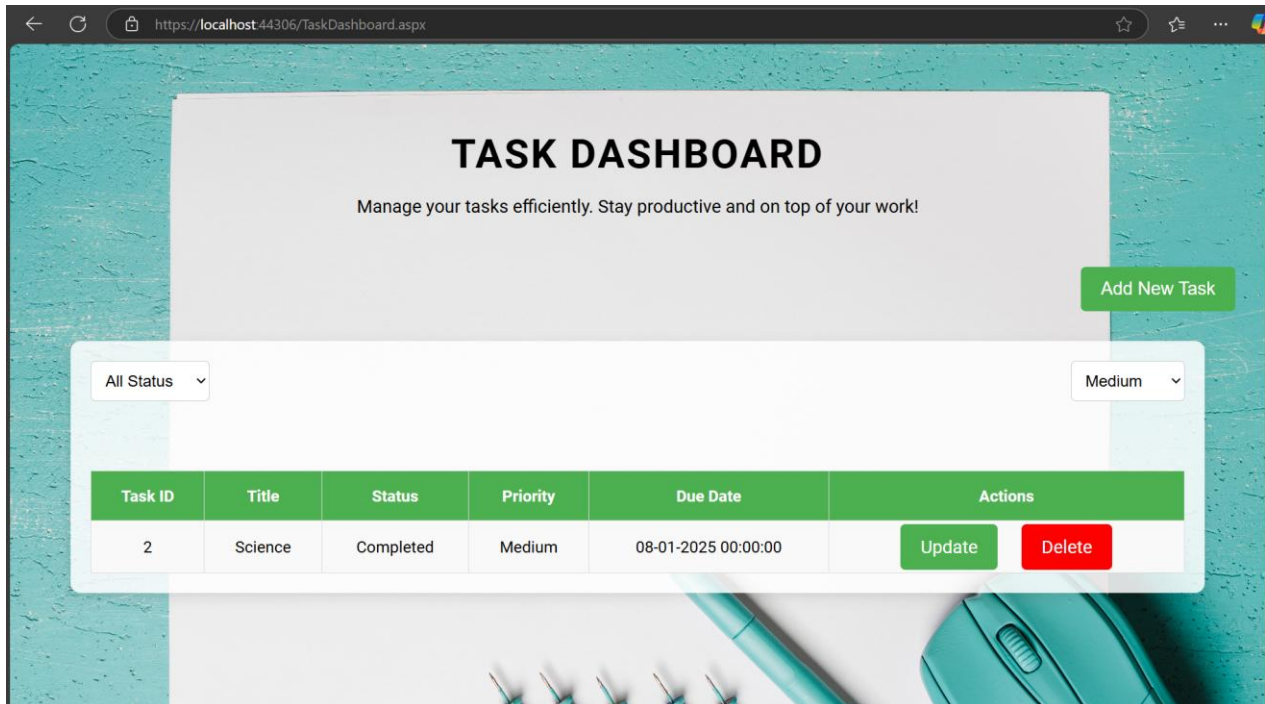
3. Use of Filters

A. Filtering the Priority

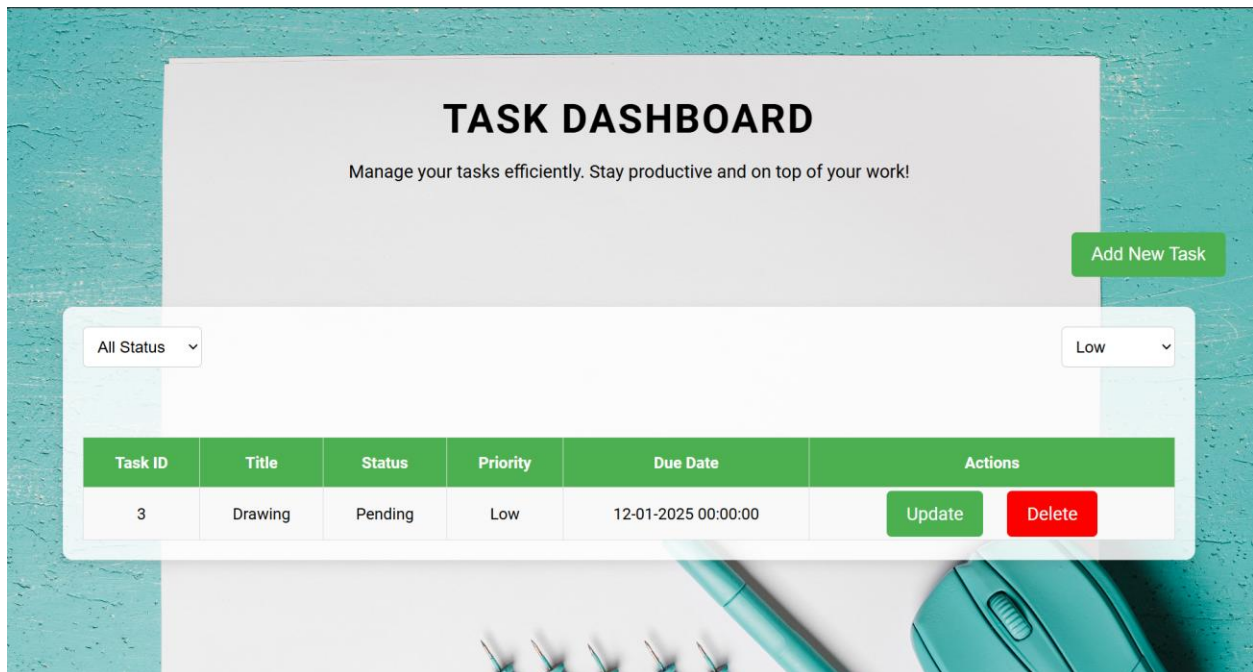
- **High**



- **Medium**

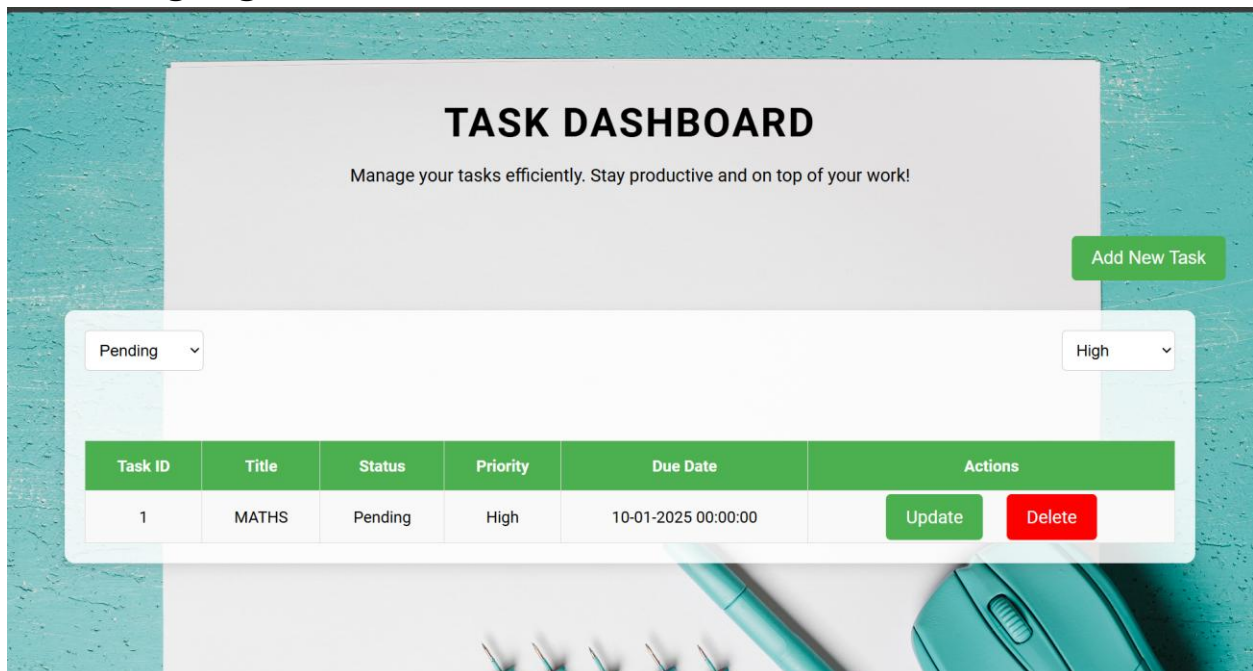


- **Low**

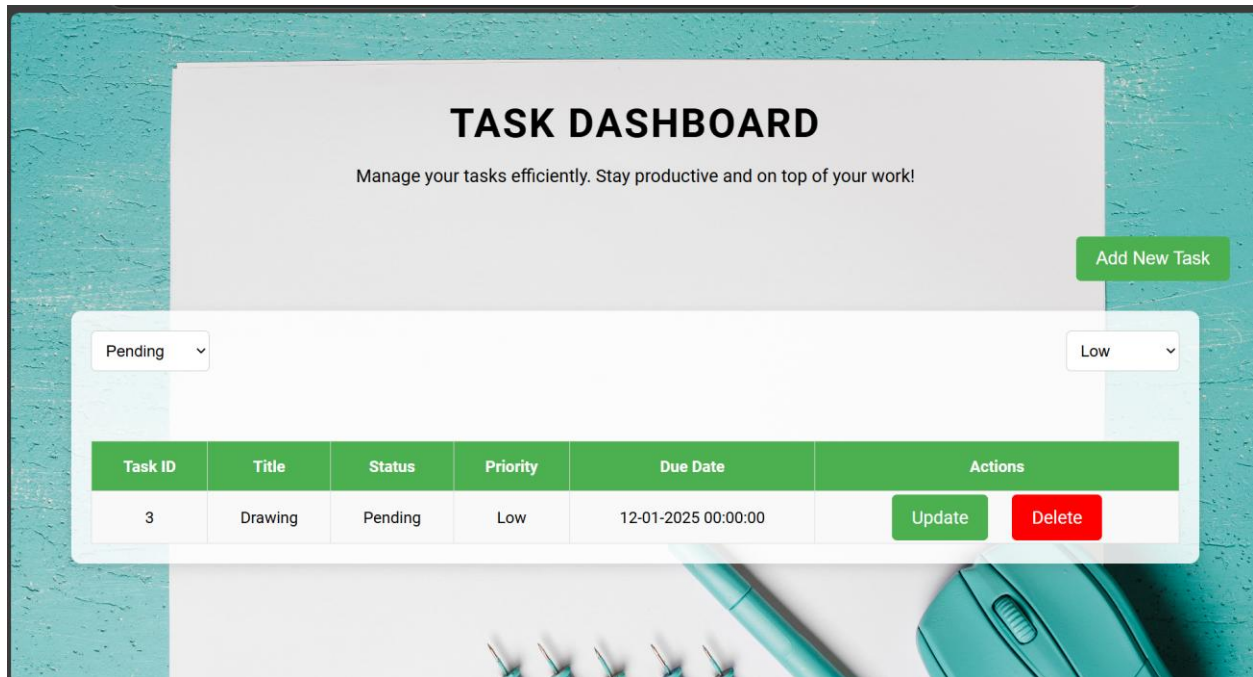


B. Filtering the Status

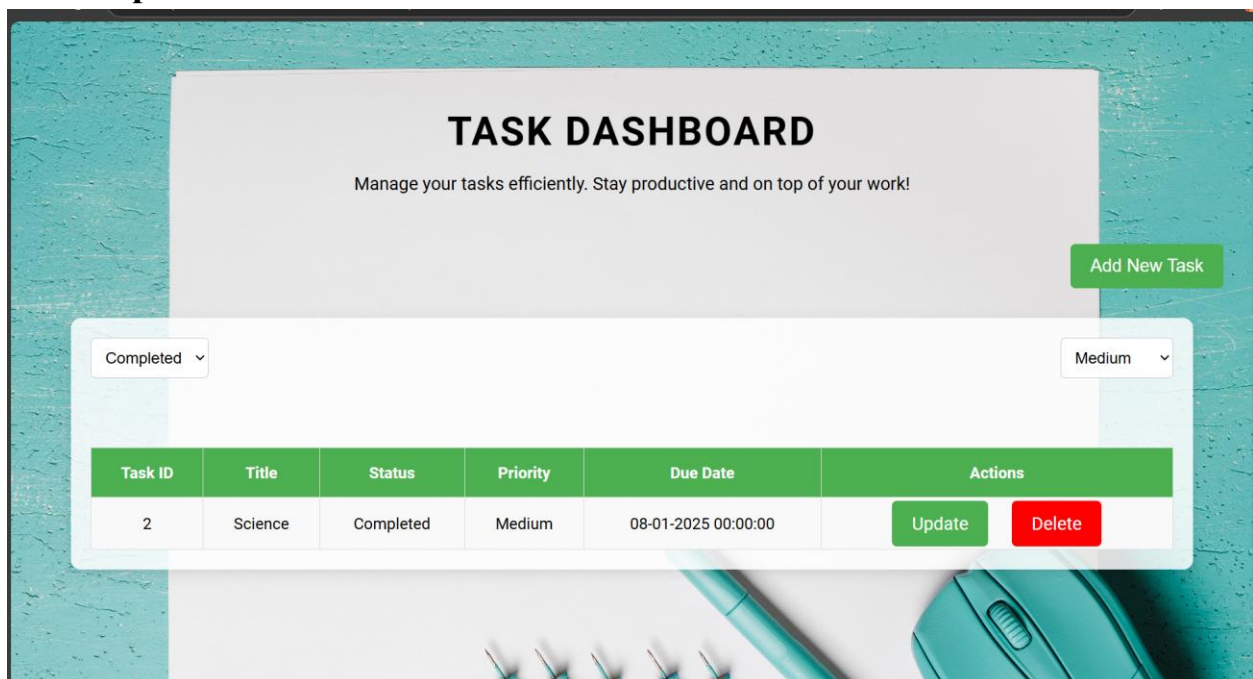
- **Pending-High**



- Pending - Low



- Completed - Medium



4. Databases in System

- **DatabaseTable1(Tasks)**

dbo.Tasks [Data] X								
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)**

Max Rows: 1000				
	UserID	Name	Email	Password
▶	1	Ronaldo	ronaldo@gmail.com	ronaldo
	2	ABC	abc@gmail.com	ABC
✱	NULL	NULL	NULL	NULL