# TaskTrek App Overview

This project is a **TaskTrek App**, a task management tool built using HTML, CSS, and JavaScript with Bootstrap for styling. Here's a brief overview of what different functions in the JavaScript code do:

❖ **Initialization and Setup:** The code starts by initializing various elements and variables, including references to HTML elements like input fields, task lists, and arrays to store tasks

❖ **Display Functions:** Functions like displayData and DisplayRecords are responsible for rendering the tasks onto the interface based on the stored data.

❖ **Adding and Editing Tasks:** The addTask function handles adding new tasks to the list. It validates the input and either creates a new task or edits an existing one if in edit mode.

❖ **Deleting Tasks:** The removeTask function removes a task from the list based on its index.

❖ **Updating Tasks:** The updateTask function allows editing tasks by populating the task input field with the selected task for modification.

❖ **Searching and Filtering:** The searchInput event listener filters tasks based on the entered text in the search bar. It dynamically updates the displayed tasks based on the search query.

❖ **Priority Color Coding:** The getPriorityColor function dynamically assigns colors to task priorities.

❖ **Task Copying:** The copyTask function copies a specific task to the clipboard.

❖ **Pagination:** Implements pagination functionality for displaying a limited number of tasks per page.

❖ **Download Tasks:** The downloadTXT function creates a text file containing the task list and prompts the user to download it.

Each function interacts with specific elements or handles certain functionalities within the TaskTrek App, contributing to its overall task management capabilities.