To Do List Application

1. Introduction: The To-Do List Application is a web-based tool designed to help users keep track of their tasks and manage their daily activities. The application allows users to create a list of tasks, set their completion status, and receive reminders for upcoming tasks.
2. Features: The To-Do List Application offers the following features:
   a. Task Creation: Users can enter new tasks into the application by typing them into the input field and submitting the form. Each task is displayed as a list item.
   b. Task Completion: Users can mark tasks as completed by clicking on the check button associated with each task. Completed tasks are visually differentiated from pending tasks.
   c. Motivational Messages: To inspire and motivate users, the application displays random motivational messages below each task. These messages serve as reminders to stay focused, determined, and committed to completing their tasks.
   d. Completion Rate Graph: The application provides a visual representation of the user's task completion rate. The completion rate graph dynamically updates based on the user's actions, showing the percentage of completed tasks compared to the total number of tasks.
3. Implementation: The To-Do List Application is implemented using HTML, CSS, and JavaScript. The application utilizes the Font Awesome library for the check and trash icons. The user interface is styled using the Tailwind CSS framework, which provides a responsive and modern design.

The JavaScript code handles the task creation, task completion, and local storage management functionalities. It also implements the alarm functionality by setting a timed alert 10 minutes before each task's deadline. Additionally, the code generates random motivational messages and updates the completion rate graph based on the user's actions.

4. Conclusion: The To-Do List Application offers an intuitive and user-friendly interface for managing tasks and improving productivity. By incorporating features like time duration, alarms, motivational messages, and completion rate graphs, the application aims to assist users in organizing their daily activities effectively. With further enhancements and refinements, the application can become a valuable tool for individuals seeking better task management and productivity.

In conclusion, the To-Do List Application provides a convenient and efficient way to manage tasks, stay organized, and accomplish goals. It combines essential task

management features with motivational elements to keep users engaged and motivated. The application's intuitive interface and functionality make it a valuable asset for individuals seeking to enhance their productivity and manage their daily activities more effectively.