AJS MINI-PROJECT

TO-DO LIST WEBSITE

Introduction:

Welcome to our To-Do List website built with AngularJS! In our fast-paced lives, it's easy to lose track of tasks and commitments. That's where our application comes in handy. With its user-friendly interface and dynamic features, our To-Do List website helps you stay organized and focused on what matters most.

Features:

1. Effortless Task Management: Add, edit, mark as complete, and delete tasks seamlessly. Our intuitive interface makes task management a breeze.
2. Real-Time Updates: Experience real-time updates as you add or complete tasks. No need to refresh the page - our application keeps you in the loop with dynamic updates.
3. Customizable Prioritization: Prioritize your tasks with ease. Drag and drop tasks to reorder them according to your preference, ensuring you tackle what's most important first.
4. Responsive Design: Access your to-do list from any device - desktop, tablet, or mobile. Our responsive design ensures a seamless experience across all screen sizes.
5. User-Friendly Interface: With clean design and intuitive controls, our website is easy to navigate for users of all levels. Spend less time figuring out how to use the application and more time getting things done.

How to Use:

- Add Tasks: Simply type your task into the input field and hit enter or click the "Add Task" button to add it to your list.
- Edit Tasks: Click on any task to edit its details. Update the task name, due date, or any other relevant information.
- Mark as Complete: When you've finished a task, click the checkbox or button to mark it as complete. Completed tasks are visually distinguished from active tasks for easy reference.
- Delete Tasks: To remove a task from your list, click the delete button next to the task. Confirm the deletion if prompted.
- Stay Organized: Use our To-Do List website consistently to stay organized and on top of your tasks. Whether it's for work, school, or personal projects, our application helps you stay focused and productive.

Conclusion:

With our To-Do List website powered by AngularJS, managing your tasks has never been easier. Say goodbye to forgotten deadlines and missed appointments - stay organized and on track with our intuitive and dynamic task management solution. Try it out today and experience the difference it makes in your productivity!

CODE FOR TO-DO LIST WEBSITE

```html
<!DOCTYPE html>

<html lang="en" ng-app="todoApp">

<head>

  <meta charset="UTF-8">

  <title>To-Do List</title>

  <link rel="stylesheet" href="style.css">

  <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></script>

  <script src="app.js"></script>

</head>

<style>

  /* Style for the container of the to-do list */

  body {

    background: linear-gradient(to bottom, #ff9999, #66b3ff); /* Colorful background */

    background-size: cover;

    background-position: center;

    font-family: sans-serif;

    display: flex;

    justify-content: center;

    align-items: center;

    min-height: 100vh;

    margin: 0;

  }

  .container {

    background-color: rgba(255, 255, 255, 0.8);

    padding: 30px;

    border-radius: 5px;

    box-shadow: 0 0 10px rgba(0, 0, 0, 0.2);

  }

  h1 {
```

```css
        text-align: center;

        margin-bottom: 20px;

        color: #333; /* Darker text for better visibility */

    }

    .input-container {

        display: flex;

        align-items: center;

        margin-bottom: 20px;

    }


    #new-task {

        flex: 1;

        padding: 10px;

        border: none;

        border-radius: 5px;

        font-size: 16px;

    }

    #priority {

        padding: 10px;

        border: none;

        border-radius: 5px;

        font-size: 16px;

    }

    #add-task {

        padding: 10px 20px;

        background-color: #4CAF50; /* Green button */

        color: white;

        border: none;

        border-radius: 5px;

        cursor: pointer;
```

```css
    }
    #todo-list {
        list-style: none;
        padding: 0;
    }
    #todo-list li {
        margin-bottom: 10px;
        display: flex;
        align-items: center;
        justify-content: space-between;
        background-color: rgba(255, 255, 255, 0.7); /* Light background for list items */
        border-radius: 5px;
        padding: 10px;
    }
    #todo-list li label {
        font-size: 16px;
    }
    #todo-list li input[type="checkbox"] {
        margin-right: 10px;
    }
    #todo-list li.completed {
        text-decoration: line-through;
        color: #cccccc;
    }
    .filter-container {
        margin-top: 20px;
    }
    /* Add color based on priority */
    #todo-list li.low {
        border-left: 5px solid green;
```

```html
    }
  </style>
<body>
  <div ng-controller="TodoController as todoCtrl">
    <h2>To-Do List</h2>
    <div>
      <input type="text" ng-model="todoCtrl.newTodo.text" placeholder="Add new task">
      <input type="datetime-local" ng-model="todoCtrl.newTodo.dueDate">
      <button ng-click="todoCtrl.addTodo()">Add</button>
    </div>
    <div ng-show="todoCtrl.todos.length">
      <h3>Tasks:</h3>
      <ul>
        <li ng-repeat="todo in todoCtrl.todos">
          <input type="checkbox" ng-model="todo.completed" ng-
click="todoCtrl.toggleCompleted(todo)">
          <span ng-class="{'completed': todo.completed, 'overdue':
todoCtrl.isOverdue(todo)}">{{ todo.text }}</span>
          <span ng-if="todo.dueDate"> - Due: {{ todo.dueDate | date:'medium' }}</span>
          <button ng-click="todoCtrl.deleteTodo(todo)">Delete</button>
          <button ng-click="todoCtrl.editTodo(todo)">Edit</button>
          <button ng-click="todoCtrl.setReminder(todo)">Set Reminder</button>
        </li>
      </ul>
    </div>
    <div ng-show="todoCtrl.editing">
      <h3>Edit Task</h3>
      <input type="text" ng-model="todoCtrl.editing.text">
      <input type="datetime-local" ng-model="todoCtrl.editing.dueDate">
      <button ng-click="todoCtrl.saveEdit()">Save</button>
      <button ng-click="todoCtrl.cancelEdit()">Cancel</button>
```
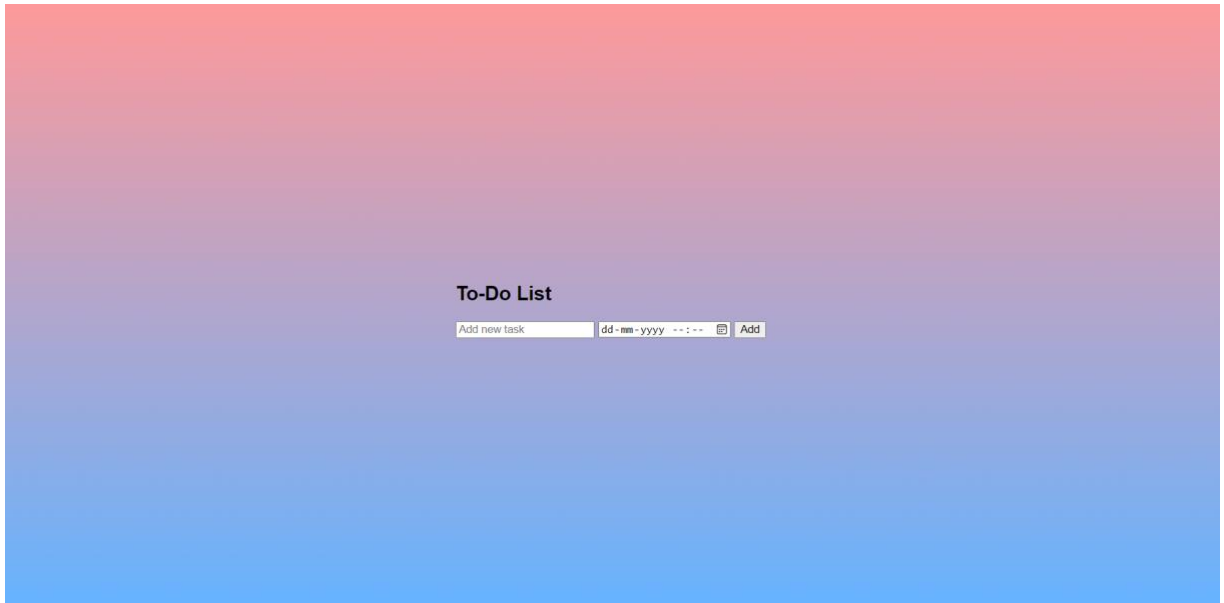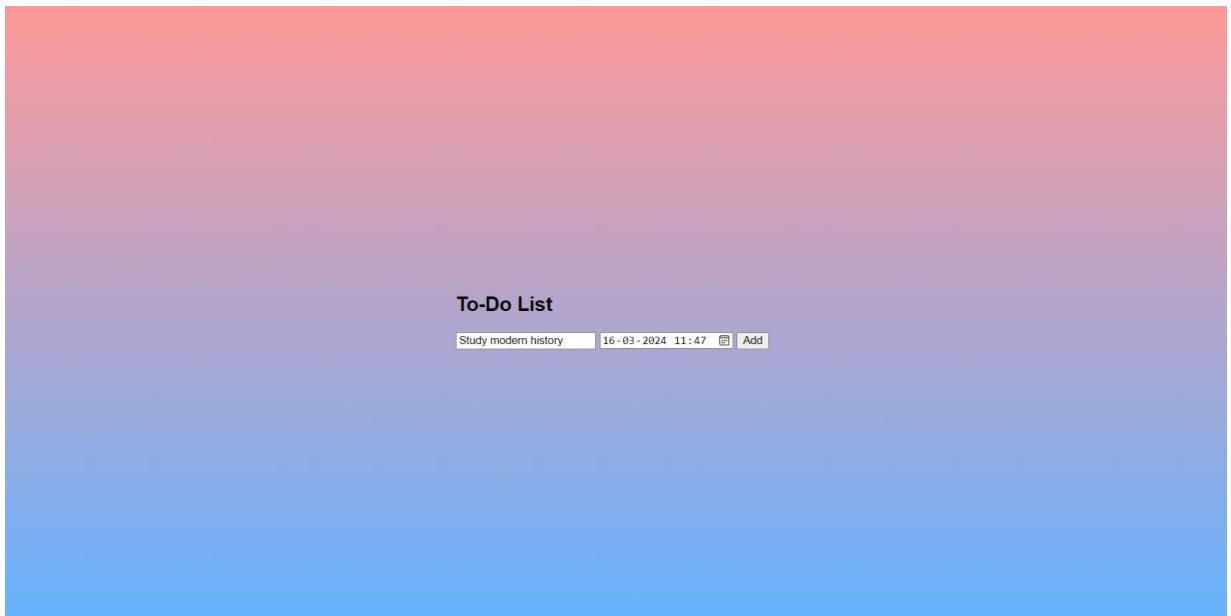
```html
      </div>

    </div>

  </div>

  <script>

angular.module('todoApp', [])

  .controller('TodoController', function() {

    var todoCtrl = this;

    todoCtrl.todos = [];

    todoCtrl.newTodo = {};

    todoCtrl.editing = null;

    todoCtrl.addTodo = function() {

      if (todoCtrl.newTodo.text) {

        todoCtrl.todos.push({

          text: todoCtrl.newTodo.text,

          dueDate: todoCtrl.newTodo.dueDate,

          completed: false

        });

        todoCtrl.newTodo = {};

      }

    };

    todoCtrl.deleteTodo = function(todo) {

      var index = todoCtrl.todos.indexOf(todo);

      if (index !== -1) {

        todoCtrl.todos.splice(index, 1);

      }

    };

    todoCtrl.editTodo = function(todo) {

      todoCtrl.editing = angular.copy(todo);

    };
```

```javascript
todoCtrl.saveEdit = function() {
  var index = todoCtrl.todos.indexOf(todoCtrl.editing);
  if (index !== -1) {
    todoCtrl.todos[index] = todoCtrl.editing;
    todoCtrl.editing = null;
  }
};
todoCtrl.cancelEdit = function() {
  todoCtrl.editing = null;
};
todoCtrl.toggleCompleted = function(todo) {
  todo.completed = !todo.completed;
};
todoCtrl.isOverdue = function(todo) {
  if (todo.dueDate && new Date(todo.dueDate) < new Date()) {
    return true;
  }
  return false;
};
todoCtrl.setReminder = function(todo) {
  var reminderTime = prompt("Set a reminder (in minutes):");
  if (reminderTime !== null) {
    var currentTime = new Date();
    var reminder = new Date(currentTime.getTime() + parseInt(reminderTime) * 60000);
    todo.reminder = reminder;
    setInterval(function() {
      var now = new Date();
      if (now >= reminder) {
        alert("Reminder: " + todo.text);
        clearInterval(this);
```

```
      }
    }, 1000);
  }
 };
});
</script>
</body>
</html>
```

SNAPSHOTS

To-Do List

Add new task | dd - mm - yyyy -- : -- | Add

ADD TASK:

To-Do List

Study modern history | 16 - 03 - 2024 11 : 47 | Add

DELETE TASK:

MARK AS COMPLETE :

EDIT TASKS:

To-Do List

Add new task | dd - mm - yyyy -- : -- 🗓 | Add

Tasks:

- ☑ Math homework - Due: Mar 17, 2024 11:48:00 AM | Delete | Edit | Set Reminder
- ☐ English Homework - Due: Mar 19, 2024 11:49:00 AM | Delete | Edit | Set Reminder
- ☐ Assignments - Due: Mar 20, 2024 11:50:00 AM | Delete | Edit | Set Reminder

Edit Task

History Homework | 19 - 03 - 2024 11:49 🗓 | Save | Cancel