

```
<!doctype html>
<html lang="en">
```

```
<head>
```

```
  <meta charset="utf-8">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1">
```

```
  <title>ToDo List</title>
```

```
  <link rel="stylesheet" href="./assets/css/style.css">
```

```
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet"
    integrity="sha384-9ndCyUaIbzAi2FUVXJi0CjmCapSmO7SnpJef0486qhLnuZ2cdeRhO02iuK6FUUVM"
    crossorigin="anonymous">
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/font-awesome@5.15.4/css/all.min.css">
</head>
```

```
<body>
```

```
  <section id="section1">
```

```
    <nav class="navbar bg-transparent fixed-top">
```

```
      <div class="container-fluid">
```

```
        <button class="navbar-toggler me-auto" type="button" data-bs-toggle="offcanvas"
          data-bs-target="#offcanvasNavbar" aria-controls="offcanvasNavbar">
```

```
          <span class="navbar-toggler-icon"></span>
```

```
        </button>
```

```
        <div class="offcanvas offcanvas-start" tabindex="-1" id="offcanvasNavbar"
          aria-labelledby="offcanvasNavbarLabel">
```

```
          <div class="offcanvas-header">
```

```
            <h5 class="offcanvas-title" id="offcanvasNavbarLabel">TODO APP</h5>
```

```
            <button type="button" class="btn-close" data-bs-dismiss="offcanvas"
              aria-label="Close"></button>
```

```
          </div>
```

```
          <div class="offcanvas-body">
```

```
            <ul class="navbar-nav justify-content-start flex-grow-1 pe-3">
```

```
              <li class="nav-item">
```

```
                <a class="nav-link active" aria-current="page" href="index.html">
```

```
                  <svg xmlns="http://www.w3.org/2000/svg" width="16" height="16"
                    fill="currentColor" class="bi bi-list-task" viewBox="0 0 16 16">
```

```
                    <path
```

```
                      d="M1.5 2.5A5.5 5.5 0 0 1 2 2h12a5.5 5.5 0 0 1 0 1h-12a5.5 5.5 0 0 1-.5-.5zm0 4A5.5 5.5 0 0 1 2 6h12a5.5 5.5 0 0 1 0 1h-12a5.5 5.5 0 0 1-.5-.5zm0 4A5.5 5.5 0 0 1 2 10h12a5.5 5.5 0 0 1 0 1h-12a5.5 5.5 0 0 1-.5-.5zm0 4A5.5 5.5 0 0 1 2 14h12a5.5 5.5 0 0 1 0 1h-12a5.5 5.5 0 0 1-.5-.5z" />
```

```
                  </svg>
```

```
                  Task
```

```
                </a>
```

```
              </li>
```

```
              <!-- <li class="nav-item">
```

```
                <a class="nav-link" href="#">
```

```
                  <svg xmlns="http://www.w3.org/2000/svg" width="16" height="16"
                    fill="currentColor" class="bi bi-calendar" viewBox="0 0 16 16">
```

```
                  <path
```

```
                    d="M13 2h-1V1a1 1 0 0 0-1-1h-2a1 1 0 0 0-1-1v1H6V1a1 1 0 0 0-1-1H3a1 1 0 0 0-1-1v1H1a1 1 0 0 0-1-1v11a1 1 0 0 0 1 1h12a1 1 0 0 0 1-1V3a1 1 0 0 0-1-1zM2 5h12v8H2V5zm10-3V2h-1v1h-2V2H5v1H4V2H3v1H2V2H1v1h14V2h-1z" />
```



```
        </svg>
        My Day
    </a>
</li>
<li class="nav-item">
    <a class="nav-link" href="#">
        <svg xmlns="http://www.w3.org/2000/svg" width="16" height="16"
            fill="currentColor" class="bi bi-exclamation-triangle"
            viewBox="0 0 16 16">
            <path
                d="M8.252 0.275a1.063 1.063 0 0 1 1.496 0l6.98 6.77A1.063 1.063 0 0 1 16
                8.464v5.274c0 .587-.476 1.063-1.063 1.063H1.063C.476 15.8 0 15.324 0 14.737V8.463a1.062 1.062 0 0 1 .273-
                0.711l6.979-6.771ZM8 4.166c-.26 0-.474.177-.474.395v4.938c0 .219.214.396.474.396s.474-.017.474-
                0.396V4.561c0-.218-.214-.396-.474-.396Zm-0.032 6.14c-.348 0-.63.24-.63.536 0 .295.282.535.63.535
                0.349 0
                0.63-0.24 0.63-0.535 0-0.296-0.281-0.536-0.63-0.536Z" />
            </svg>
            Important
        </a>
    </li>
    <li class="nav-item">
        <a class="nav-link" href="#">
            <svg xmlns="http://www.w3.org/2000/svg" width="16" height="16"
                fill="currentColor" class="bi bi-clock" viewBox="0 0 16 16">
                <path
                    d="M7.5 1a6.5 6.5 0 0 0-6.496 6.499L1 8.5a.5.5 0 0 0 .5.5h1.645a.5.5 0 0 0
                    .415-.777L3.8 7.3A4.5 4.5 0 1 1 7.5 2a.5.5 0 0 0 0 1Zm0-1A7.5 7.5 0 1 0 15 7.5a.5.5 0 0 0-1 0A6.5 6.5 0 0 1 7.5 0Z"
                    />
                <path
                    d="M7.5 3a.5.5 0 0 0-.5.5v4.085l3.25 1.925a.5.5 0 0 0 .5-.866L7.5
                    7.707V3.5A.5.5 0 0 0 7.5 3Z" />
                </svg>
                Planned
            </a>
        </li> -->
    </ul>

</div>
</div>
</div>
</nav>
</section>

<section id="section2">

    <div class="container">
        <!-- Page content -->
        <p class="p">
            <svg xmlns="http://www.w3.org/2000/svg" width="40" height="25" fill="currentColor"
                class="bi bi-house-door" viewBox="0 0 16 16">
                <path
                    d="M8.354 1.146a.5.5 0 0 0-.708 0l-6 6A.5.5 0 0 0 1.5 7.5v7a.5.5 0 0 0 .5.5h4.5a.5.5 0 0 0
                    .5-.5v-4h2v4a.5.5 0 0 0 .5.5H14a.5.5 0 0 0 .5-.5v-7a.5.5 0 0 0-.146-.354L13 5.793V2.5a.5.5 0 0 0-.5-.5h-1a.5.5 0 0
                    0-.5.5v1.293L8.354 1.146ZM2.5 14V7.707l5.5-5.5 5.5 5.5V14H10v-4a.5.5 0 0 0-.5-.5h-3a.5.5 0 0 0-.5.5v4H2.5Z" />
                </svg>
```



```

    <span class="fs-4">Task</span>
  </p>

  <div class="card card1">
    <div class="card-body">
      <input type="text" id="task-input" class="form-control" placeholder="Enter your task">

      <button id="calendar-btn" class="btn mt-2">
        <svg xmlns="http://www.w3.org/2000/svg" width="16" height="16" fill="currentColor"
          class="bi bi-calendar2-event" viewBox="0 0 16 16">
          <path
            d="M11 7.5a.5.5 0 0 1 .5-.5h1a.5.5 0 0 1 .5.5v1a.5.5 0 0 1-.5.5h-1a.5.5 0 0 1-.5-.5v-1z"
          />

          <path
            d="M3.5 0a.5.5 0 0 1 .5.5V1h8V.5a.5.5 0 0 1 1 0V1h1a2 2 0 0 1 2 2v11a2 2 0 0 1-2
            2H2a2 2 0 0 1-2 2V3a2 2 0 0 1 2-2h1V.5a.5.5 0 0 1 .5-.5z" />
          <path
            d="M2.5 4a.5.5 0 0 1 .5-.5h10a.5.5 0 0 1 .5.5v1a.5.5 0 0 1-.5.5H3a.5.5 0 0 1-.5-.5V4z" />
          </svg>
        </button>

      <div id="calendar-picker-container" class="mt-2 d-none">
        <div class="input-group">
          <input type="date" id="calendar-picker" class="form-control"
            placeholder="Select date">
          <button id="calendar-save-btn" class="btn btn-outline-primary"> <svg
            xmlns="http://www.w3.org/2000/svg" width="16" height="16"
            fill="currentColor" class="bi bi-save" viewBox="0 0 16 16">
              <path
                d="M2 1a1 1 0 0 0-1 1v12a1 1 0 0 0 1 1h12a1 1 0 0 0 1 1V2a1 1 0 0 0-1 1H9.5a1
                1 0 0 0-1 1v7.293l2.646-2.647a.5.5 0 0 1 .708.708l-3.5 3.5a.5.5 0 0 1-.708 0l-3.5-3.5a.5.5 0 1 1 .708-.708l7.5
                9.293V2a2 2 0 0 1 2-2H14a2 2 0 0 1 2 2v12a2 2 0 0 1-2 2H2a2 2 0 0 1-2 2h2.5a.5.5 0 0 1 0
                1H2z" />
              </svg> </button>
            </div>
          </div>

          <button id="notification-btn" class="btn mt-2">
            <svg xmlns="http://www.w3.org/2000/svg" width="16" height="16" fill="currentColor"
              class="bi bi-bell" viewBox="0 0 16 16">
              <path
                d="M8 16a2 2 0 0 0 2-2H6a2 2 0 0 0 2 2zM8 1.918l-.797.161A4.002 4.002 0 0 0 4 6c0
                .628-.134 2.197-.459 3.742-.167.767-.376 1.566-.663 2.258h10.244c-.287-.692-.502-1.49-.663-2.258C12.134 8.197
                12 6.628 12 6a4.002 4.002 0 0 0-3.203-3.92L8 1.917zM14.22 12c.223.447.481.801.78 1H1c.299-.199.557-.553.78-
                1C2.68 10.2 3 6.88 3 6c0-2.42 1.72-4.44 4.005-4.901a1 1 0 1 1 1.99 0A5.002 5.002 0 0 1 13 6c0 .88.32 4.2 1.22 6z"
              />
            </svg>
          </button>

          <div id="time-picker-container" class="mt-2 d-none">
            <div class="input-group">
              <input type="time" id="time-picker" class="form-control" placeholder="Select time">
              <button id="save-btn" class="btn btn-outline-primary"> <svg
                xmlns="http://www.w3.org/2000/svg" width="16" height="16"

```



```

        fill="currentColor" class="bi bi-save" viewBox="0 0 16 16">
        <path
            d="M2 1a1 1 0 0 0-1 1v12a1 1 0 0 1 1h12a1 1 0 0 1-1V2a1 1 0 0 0-1-1H9.5a1
1 0 0 0-1 1v7.293l2.646-2.647a.5.5 0 0 1 .708.708l-3.5 3.5a.5.5 0 0 1-.708 0l-3.5-3.5a.5.5 0 1 1 .708-.708L7.5
9.293V2a2 2 0 0 1 2-2H14a2 2 0 0 1 2 2v12a2 2 0 0 1-2 2H2a2 2 0 0 1-2-2V2a2 2 0 0 1 2-2h2.5a.5.5 0 0 1 0
1H2z" />
    </svg> </button>
</div>
</div>

<button id="add-btn" class="btn mt-2" style="display: none;">
    <svg xmlns="http://www.w3.org/2000/svg" width="16" height="16" fill="currentColor"
        class="bi bi-patch-plus" viewBox="0 0 16 16">
        <path fill-rule="evenodd"
            d="M8 5.5a.5.5 0 0 1 .5.5v1.5H10a.5.5 0 0 1 0 1H8.5V10a.5.5 0 0 1-1 0V8.5H6a.5.5 0 0 1
0-1h1.5V6a.5.5 0 0 1 .5-.5z" />
        <path
            d="m10.273 2.513-.921-.944.715-.698.622.637.89-.011a2.89 2.89 0 0 1 2.924
2.924l-.01.89.636.622a2.89 2.89 0 0 1 0 4.134l-.637.622.011.89a2.89 2.89 0 0 1-2.924-
2.924l-.89-.01-.622.636a2.89 2.89 0 0 1-4.134 0l-.622-.637-.89.011a2.89 2.89 0 0 1-2.924-
2.924l.01-.89-.636-.622a2.89 2.89 0 0 1 0-4.134l.637-.622-.011-.89a2.89 2.89 0 0 1 2.924-
2.924l.89.01.622-.636a2.89 2.89 0 0 1 4.134 0l-.715.698a1.89 1.89 0 0 0-2.704 0l-.92.944-1.32-.016a1.89 1.89 0 0
0-1.911 1.912l.016 1.318-.944.921a1.89 1.89 0 0 0 0 2.704l.944.92-.016 1.32a1.89 1.89 0 0 0 1.912
1.911l1.318-.016.921.944a1.89 1.89 0 0 0 2.704 0l.92-.944 1.32.016a1.89 1.89 0 0 0 1.911-1.912l-.016-
1.318.944-.921a1.89 1.89 0 0 0 0-2.704l-.944-.92.016-1.32a1.89 1.89 0 0 0-1.912-1.911l-1.318.016z" />
        </svg>
    </button>

</div>
</div>

</div>

<div class="container mt-4">
    <h5> <svg xmlns="http://www.w3.org/2000/svg" width="16" height="16" fill="currentColor"
        class="bi bi-list-nested" viewBox="0 0 16 16">
        <path fill-rule="evenodd"
            d="M4.5 11.5A.5.5 0 0 1 5 11h10a.5.5 0 0 1 0 1H5a.5.5 0 0 1-.5-.5zm-2-4A.5.5 0 0 1 3
7h10a.5.5 0 0 1 0 1H3a.5.5 0 0 1-.5-.5zm-2-4A.5.5 0 0 1 1 3h10a.5.5 0 0 1 0 1H1a.5.5 0 0 1-.5-.5z" />
        </svg> Saved Tasks</h5>
    <div id="card-container" class="row">
        <!-- Cards will be dynamically added here -->
    </div>
</div>
</section>
<script src="./assets/js/script.js"> </script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"
    integrity="sha384-geWF76RCwLtnZ8qwWowPQNnguL3RmwHVBC9FhGdlKrxdiJJigb/j/68SIy3Te4Bkz"
    crossorigin="anonymous"> </script>
</body>

</html>

```



```

#section2{
  margin-top: 10vh;
  padding: 1vh ;
  background-image: url(https://img.freepik.com/premium-photo/neon-city-background_910135-302.jpg)
}
.p {
  display: flex;
  align-items: center;
}

svg.bi {
  margin-right: 5px;
  /* Adjust the spacing between the icon and text */
}

.important {
  background-color: #63bce2 !important;
  /* Change the background color to light red */
}

#calendar-picker-container , #time-picker-container{
  width: 50vh;
}

.action-Container{
  margin: 20px;
}

div.col-md-4{
  padding: 0vh 3vh;
  border-radius: 60px 60px 10px 10px;
  box-shadow: rgba(229, 133, 170, 0.19) 0px 10px 20px, rgba(0, 0, 0, 0.23) 0px 6px 6px;
}

.card1{
  background-color: rgb(113, 208, 235) !important;
}

```



```

const cardContainer = document.getElementById('card-container');
const tasks = [];
const dates = [];
const times = [];

const calendarBtn = document.getElementById('calendar-btn');
const calendarPickerContainer = document.getElementById('calendar-picker-container');
const calendarSaveBtn = document.getElementById('calendar-save-btn');

calendarBtn.addEventListener('click', function () {
  calendarPickerContainer.classList.toggle('d-none');
});

calendarSaveBtn.addEventListener('click', function () {
  const selectedDate = document.getElementById('calendar-picker').value;
  if (selectedDate !== '') {
    dates.push(selectedDate);
    calendarPickerContainer.classList.add('d-none');
    saveDataToLocalStorage();
  }
});

const notificationBtn = document.getElementById('notification-btn');
const timePickerContainer = document.getElementById('time-picker-container');
const saveBtn = document.getElementById('save-btn');

notificationBtn.addEventListener('click', function () {
  timePickerContainer.classList.toggle('d-none');
});

saveBtn.addEventListener('click', function () {
  const selectedTime = document.getElementById('time-picker').value;
  if (selectedTime !== '') {
    times.push(selectedTime);
    timePickerContainer.classList.add('d-none');
    saveDataToLocalStorage();
  }
});

const taskInput = document.getElementById('task-input');
const addBtn = document.getElementById('add-btn');

taskInput.addEventListener('input', function () {
  if (taskInput.value.trim() !== '') {
    addBtn.style.display = 'inline-block';
  } else {
    addBtn.style.display = 'none';
  }
});

addBtn.addEventListener('click', function () {
  const task = taskInput.value.trim();
  if (task !== '') {
    tasks.push({ task: task, date: dates[dates.length - 1], time: times[times.length - 1], notified: false });
  }
});

```



```

    const card = createCard(task, dates[dates.length - 1], times[times.length - 1]);
    cardContainer.appendChild(card);
    taskInput.value = "";
    addBtn.style.display = 'none';
    saveDataToLocalStorage();
    playNotificationSound(); // Play the notification sound on adding a task
  }
});

```

```

document.addEventListener('DOMContentLoaded', function () {
  loadDataFromLocalStorage();
  checkDateTime();
  setInterval(checkDateTime, 1000);
});

```

```

function createCard(task, date, time) {
  const card = document.createElement('div');
  card.classList.add('card', 'col-md-4', 'my-3');

  const cardBody = document.createElement('div');
  cardBody.classList.add('card-body');

  card.style.marginRight = '10px';
  card.style.marginBottom = '10px';

  const taskTitle = document.createElement('h5');
  taskTitle.classList.add('card-title');
  taskTitle.textContent = task;

  const dateText = document.createElement('p');
  dateText.classList.add('card-text');
  dateText.textContent = 'Date: ' + date;

  const timeText = document.createElement('p');
  timeText.classList.add('card-text');
  timeText.textContent = 'Time: ' + time;

  const actionContainer = document.createElement('div');
  actionContainer.classList.add('action-container', 'd-flex', 'justify-content-between', 'align-items-center');

  const importantIcon = document.createElement('button');
  importantIcon.classList.add('btn', 'btn-link', 'important-icon');
  importantIcon.innerHTML = '<i class="far fa-star"></i>';
  let isImportant = false;

  importantIcon.addEventListener('click', function () {
    isImportant = !isImportant;
    card.classList.toggle('important');
    saveDataToLocalStorage();
    if (isImportant) {
      playNotificationSound(); // Play the notification sound when the task is marked as important
    }
  });

  const deleteBtn = document.createElement('button');

```



```
deleteBtn.classList.add('btn', 'btn-outline', 'mt-3');
deleteBtn.innerHTML = '<i class="fas fa-trash-alt"></i>';
```

```
deleteBtn.addEventListener('click', function () {
  cardContainer.removeChild(card);
  const index = tasks.findIndex((item) => item.task === task);
  if (index !== -1) {
    tasks.splice(index, 1);
    dates.splice(index, 1);
    times.splice(index, 1);
  }
  saveDataToLocalStorage();
});
```

```
actionContainer.appendChild(importantIcon);
actionContainer.appendChild(deleteBtn);
```

```
cardBody.appendChild(taskTitle);
cardBody.appendChild(dateText);
cardBody.appendChild(timeText);
cardBody.appendChild(actionContainer);
card.appendChild(cardBody);
```

```
return card;
}
```

```
function saveDataToLocalStorage() {
  localStorage.setItem('tasks', JSON.stringify(tasks));
  localStorage.setItem('selectedDates', JSON.stringify(dates));
  localStorage.setItem('selectedTimes', JSON.stringify(times));
}
```

```
function loadDataFromLocalStorage() {
  const savedTasks = localStorage.getItem('tasks');
  const savedDates = localStorage.getItem('selectedDates');
  const savedTimes = localStorage.getItem('selectedTimes');

  if (savedTasks && savedDates && savedTimes) {
    tasks.push(...JSON.parse(savedTasks));
    dates.push(...JSON.parse(savedDates));
    times.push(...JSON.parse(savedTimes));

    for (let i = 0; i < tasks.length; i++) {
      const card = createCard(tasks[i].task, dates[i], times[i]);
      cardContainer.appendChild(card);
    }
  }
}
```

```
function checkDateTime() {
  const currentDate = new Date();
  const notificationTimeFrame = 0; // Specify the time frame in minutes

  let hasUnexpiredTasks = false;
```



```

for (let i = tasks.length - 1; i >= 0; i--) {
  const taskDate = new Date(tasks[i].date);
  const taskTime = tasks[i].time.split(':');
  const taskDateTime = new Date(
    taskDate.getFullYear(),
    taskDate.getMonth(),
    taskDate.getDate(),
    taskTime[0],
    taskTime[1]
  );

  if (
    currentDate.getTime() >= taskDateTime.getTime() &&
    currentDate.getTime() <= taskDateTime.getTime() + notificationTimeFrame * 60 * 1000
  ) {
    // Task is due within the specified time frame
    if (!tasks[i].notified) {
      tasks[i].notified = true;
      playNotificationSound();
    }
    hasUnexpiredTasks = true;
  }
}

// Check if all tasks have been completed
if (!hasUnexpiredTasks) {
  stopNotificationSound();
}

let audio; // Variable to store the notification audio
async function playNotificationSound() {
  try {
    if (audio) {
      audio.pause();
      audio.currentTime = 0;
    }
    audio = new Audio('./assets/img/mp3.wav');
    await audio.play();
    alert('Task notification111');
  } catch (error) {
    console.error('Error playing notification sound:', error);
  }
}

function stopNotificationSound() {
  if (audio) {
    audio.pause();
    audio.currentTime = 0;
  }
}

```