**Hi Sir,**

Good Morning,

Day 16 & 17 Tasks

1. Chat Application (Real-time Messaging) Scenario: A simple chat app to send and receive messages. ✅ Requirements: • Input field to enter messages. • Display sent & received messages. • Store messages in LocalStorage. • Add timestamps for messages.

**Task Given Date:** 01-05-2025  
**Task Submission Date:** 3-05-2025

**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/tree/main/Javascript/Projects/Project1**](https://github.com/SasikalaThennarasu5/Webdevelopment/tree/main/Javascript/Projects/Project1)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Projects/Project1/index.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Projects/Project1/index.html)

Drag and Drop File Uploader Scenario: Allows users to drag & drop files for upload. ✅ Requirements: • A drop area for files. • Preview uploaded file. • Display file name & size. • Simulate upload using JavaScript events.

**Task Given Date:** 01-05-2025  
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**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/tree/main/Javascript/Projects/Project2**](https://github.com/SasikalaThennarasu5/Webdevelopment/tree/main/Javascript/Projects/Project2)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Projects/Project2/index.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Projects/Project2/index.html)

1. Music Player Scenario: A custom music player with play, pause, and skip controls. ✅ Requirements: • Play, pause, and stop buttons. • Volume control. • Display song title & duration. Next & previous track buttons

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**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/tree/main/Javascript/Projects/Project3**](https://github.com/SasikalaThennarasu5/Webdevelopment/tree/main/Javascript/Projects/Project3)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Projects/Project3/index.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Projects/Project3/index.html)

1. Image Slider Scenario: A carousel to slide through images. ✅ Requirements: • Auto and manual slide navigation. • Next & previous buttons. • Thumbnail navigation.

**Task Given Date:** 01-05-2025  
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**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/tree/main/Javascript/Projects/Project4**](https://github.com/SasikalaThennarasu5/Webdevelopment/tree/main/Javascript/Projects/Project4)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Projects/Project4/index.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Projects/Project4/index.html)

1. Loan EMI Calculator Scenario: Calculate monthly EMI payments based on loan amount. ✅ Requirements: • Input fields for loan amount, interest, and years. • Calculate monthly EMI. • Display total payable amount.

**Task Given Date:** 01-05-2025  
**Task Submission Date:** 3-05-2025

**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/tree/main/Javascript/Projects/Project5**](https://github.com/SasikalaThennarasu5/Webdevelopment/tree/main/Javascript/Projects/Project5)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Projects/Project5/index.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Projects/Project5/index.html)

1. Dark Mode Toggle Scenario: Enable dark mode with a toggle button. ✅ Requirements: • Button to switch between light and dark mode. • Save preference in LocalStorage.

**Task Given Date:** 01-05-2025  
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**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/tree/main/Javascript/Projects/Project6**](https://github.com/SasikalaThennarasu5/Webdevelopment/tree/main/Javascript/Projects/Project6)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Projects/Project6/index.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Projects/Project6/index.html)

1. Student Management System (CRUD Operations) Scenario: A web application to add, update, delete, and display student records using an array of objects. Features: ✔ Add, edit, and delete students from a dynamic table. ✔ Store student data (name, age, class, grade) as an array of objects. ✔ Save data in LocalStorage so that records persist after page reload. ✔ Search functionality to find students by name.

**Task Given Date:** 01-05-2025  
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**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/tree/main/Javascript/Projects/Project7**](https://github.com/SasikalaThennarasu5/Webdevelopment/tree/main/Javascript/Projects/Project7)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Projects/Project7/index.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Projects/Project7/index.html)

1. Task Manager / To-Do List (Advanced) Description: A task manager that allows users to add, edit, delete, and filter tasks stored as an array of objects. Features: ✔ Add and delete tasks dynamically. ✔ Categorize tasks (e.g., Work, Personal, Study). ✔ Sort tasks by due date (oldest to newest). ✔ Mark tasks as completed and filter them based on status.

**Task Given Date:** 01-05-2025  
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**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/tree/main/Javascript/Projects/Project8**](https://github.com/SasikalaThennarasu5/Webdevelopment/tree/main/Javascript/Projects/Project81)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Projects/Project9/index.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Projects/Project9/index.html)

1. Online Bookstore Management System Description: A book catalog where users can add, search, and filter books stored as an array of objects.

Features: ✔ Display a list of books with details (title, author, price, category). ✔ Filter books by category and price range. ✔ Search books by title or author dynamically. ✔ Add books to a shopping cart (stored in LocalStorage).

**Task Given Date:** 01-05-2025  
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**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/tree/main/Javascript/Projects/Project9**](https://github.com/SasikalaThennarasu5/Webdevelopment/tree/main/Javascript/Projects/Project9)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Projects/Project9/index.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Projects/Project9/index.html)

1. Employee Attendance Management System Description: A system where employers can mark attendance, view records, and store employee data. Features: ✔ Store employee records (name, ID, department, attendance status). ✔ Mark attendance as Present or Absent. ✔ Filter employees by department or status. ✔ Sort employees by name or attendance count.

**Task Given Date:** 01-05-2025  
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**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/tree/main/Javascript/Projects/Project10**](https://github.com/SasikalaThennarasu5/Webdevelopment/tree/main/Javascript/Projects/Project10)

**Output:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/tree/main/Javascript/Projects/Project10**](https://github.com/SasikalaThennarasu5/Webdevelopment/tree/main/Javascript/Projects/Project10)

I am writing to inform you that I have successfully completed the assigned task. Please find the attached files for your review.

**Best Regards,**  
T. Sasikala  
Python Full Stack Trainee  
Vetri Technology Solutions