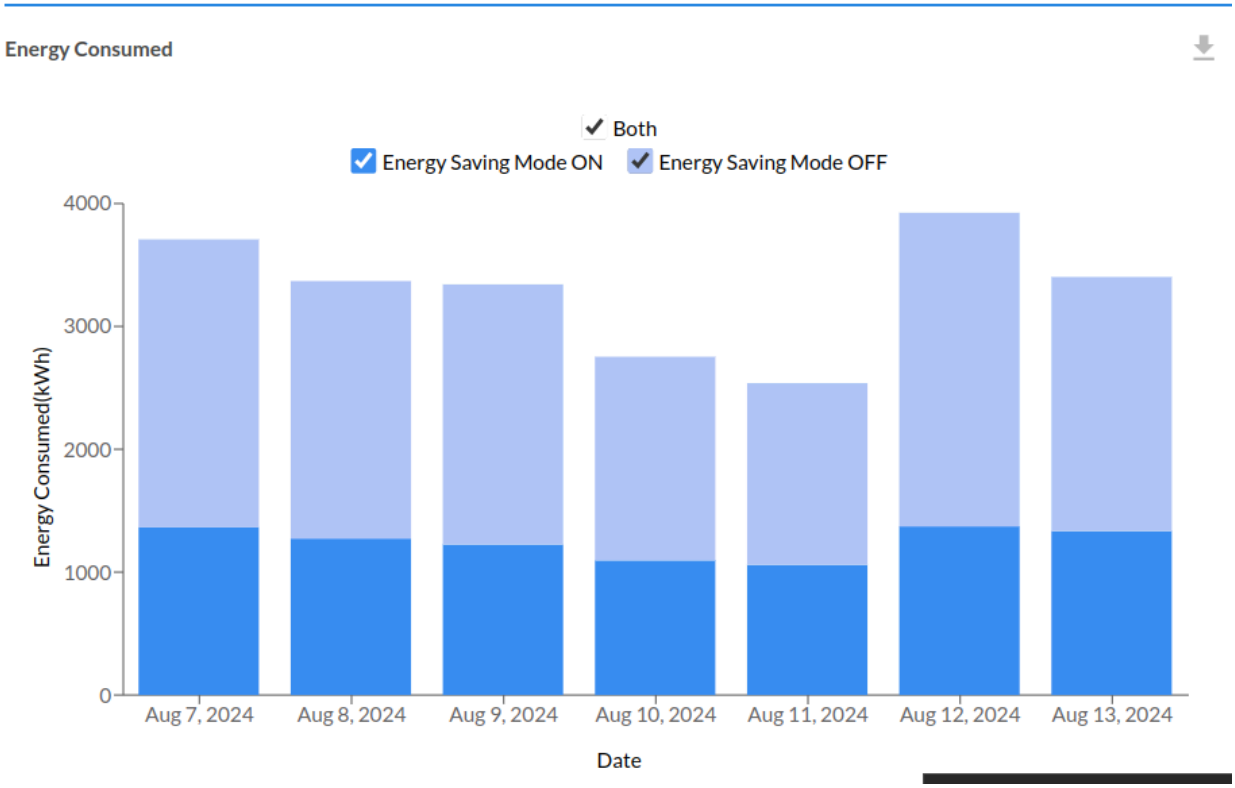
Create a Web application showing Analytics and Logging Functionalities

Use a charting library of your choice for the frontend.
Sample of the chart :



Task 1: Create the chart using Data from JSON file

1. Fetch the data from the json file
2. Create the chart of : Energy Consumption vs Date
3. Key for energy consumption is : **total_kwh**
4. Key for date is : **createdAt**
5. Link for the JSON : https://drive.google.com/file/d/1B3CPDaCTKRWD0EJuSFn5gfZd4vgygUMQ/view?usp=sharing

Task 2: Import chart data into a mongodb collection , create an endpoint to fetch the data

1. API endpoint to fetch the chart data
2. Fetch the data in the frontend , render chart based on the data fetched

Task 3: Create a form for logging the chart data access

1. Form inputs :
    a. Access time (type : Time)
    b. Access date (type : Date)
    c. Employee name (type: Text)
    d. Filter: Energy Saving Mode ON / Energy Saving Mode OFF using the field `algo_status` (type : Dropdown)
2. On submit of form :
    a. It should hit an API endpoint which :
        i. Returns the data of the chart based on filters
        ii. Reflect the updated data in the frontend
        iii. Store the log of (access_time, access_date, …) in a collection

Extra Tasks

1. Only Authenticated users can access the chart data
2. Loaders in frontend for API calls
3. List the Chart Access Logs, sort by access_time
4. Add a Date Filter - To Access Data for Chart in a given Date Range