

Make three Crud Site, Actual Generation and Build generation

**Model Name:** `Site.js`

**Fields:**

- `siteName`: String (e.g., "Solar Park A")
- `siteNumber`: Number (e.g., 1)
- `capacity`: Number (in MW, e.g., 5.0)

**Model Name:** `BuildGeneration.js`

**Fields:**

- `site`: Reference to `Site` model
- `year`: Number (e.g., 2025)
- `apr, may, jun, ..., mar`: Monthly target generation values (in kWh)

**Model Name:** `DailyGeneration.js`

**Fields:**

- `site`: Reference to `Site` model
- `date`: Date (in YYYY-MM-DD format)
- `dailyGeneration`: Number (kWh)

Create Dashboard with graph

**CALCULATE:**

- For each month (April to March):
  - Calculate the **actual generation** for the month by summing the `dailyGeneration` values for that month.
  - Get the **target generation** from `BuildGeneration` for that month.
  - Calculate **PR (Performance Ratio)**:  $(\text{Actual} / \text{Target}) \times 100$ .

- Determine the **status**:
  - If  $PR \geq 90\%$ : "**Excellent**" 
  - If  $PR \geq 80\%$  but  $< 90\%$ : "**Good**" 
  - If  $PR < 80\%$ : "**Poor**" 

Filter : Site and Date

#### **Summary Cards:**

- Card 1: **Overall PR (%)** in big number.
- Card 3: **Total Target (kWh)**.
- Card 4: **Total Actual (kWh)**.