Subject: Full-Stack Development Task (Frontend + Backend + Database)

Body:

Hi Intern,

As part of your learning and to get hands-on experience with full-stack development, **Avrotech Tech Pvt. Ltd., Pune** is assigning you a simple, practical task involving the integration of **frontend, backend, and database** technologies.

Project Title: Temple Pass Booking System

Objective:

To design and develop a **Temple Pass Booking System** where a maximum of **100 devotees can book passes per day**, with features for both user booking and admin management. The system must show **real-time slot availability** and allow secure, structured admin control.

1. User Registration/Login System

What to Design:
A registration and login form for users with the following fields:

- **Full Name**

- **Age**

- **ID Proof Type (Aadhar, PAN, etc.)**

- **ID Number**

- **Phone Number**

- **Email (optional)**

2. Pass Booking Interface

What to Design:

- **Calendar or date picker**

- **Time slot selection**

- **Show number of passes left in real-time (e.g., "22 passes remaining")**

- **Confirm booking on submit**

3. Real-Time Pass Availability Display

What to Design:

- **Users see live availability of passes while booking**

- **Admin dashboard shows total booked vs available for any date**
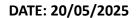
4. View/Download Booking Pass

What to Design:

- **After booking, show a downloadable booking pass**

- **Include:**

    o **Devotee Name**

    o **Slot and Date**

    o **Unique Booking ID or QR Code**

    o **Temple Address and Instructions**

5. Admin Login Panel

What to Design:

- **Admin login with username and password**

- **Protected routes for admin-only access**

6. Admin - View and Filter Bookings

What to Design:

- **Table view with filters: Date, Slot, Devotee Name, ID**

- **Sort by booking time or slot**

7. Admin - Add/Modify Booking Slots

What to Design:

- **Admin form to define time slots (e.g., 6–7 AM, 7–8 AM)**

- **Set maximum capacity per slot (default 100/day)**
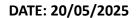

8. Admin - Manual Booking Entry

What to Design:

- **Same as user form but for admin to book on behalf of offline users**

- **Store entries marked as "offline booking"**

9. Reports and Downloads (CSV/PDF)

What to Design:

- **Admin can export bookings by date**

- **Format: CSV and PD**

You are required to develop a Temple Pass Booking system. The focus should be on:

- Designing a **strong and user-friendly UI**

- Implementing **basic static functionality**

- Ensuring **clean code structure** and database readiness

If you need any guidance on how to structure your files, UI design ideas, or form handling basics, feel free to reach out to your assigned mentor or the Avrotech development team.

Looking forward to seeing your submission with strong UI and a clear static workflow.

Submit it by 21/05/2025 before 6 PM by replying to this email with a ZIP folder of your complete project.

Best regards,
Avrotech Pvt. Ltd., PUNE