**Visitor Management System**

The project aims to develop a visitor management system for offices. It should provide capabilities including Storing and managing Visitor details and related operations such as Listing, Checking-Out, Approvals from admin, etc.

Action Items:

**Visitor Details Management:**

1. Store visitor information
   * 1. First Name
     2. Last Name
     3. Phone Number
     4. Email (Optional)
     5. Organisation (Optional)
     6. Address (Optional)
     7. ID Proof Number (Optional)
     8. Government ID Photo
     9. Person Photo
2. Update Details Of Already Stored Visitors

**Visitor Listing:**

1. **History:** - Display a list of all past visitors with their details.

**Check-In / Check-Out:**

1. Store visit information
   * 1. Date
     2. Check-in time
     3. Check out time
     4. Purpose
     5. To meet
     6. Comments
     7. WG - ID Card No
     8. Checked-in by
2. Provide an interface to check in upon arrival.
3. Provide an interface to check out on departure.

**Search Functionality:**

1. Enable users to search for specific visitors based on Name
2. All Visitors

**User Authentication - Role-Based Access Control**

Roles:

1. Admin
2. User

**ID Cards:**

1. Add ID Card for a visit CRUD

**Reports:**

1. Generate report based on date range.

**Webcam Integration:**

1. Capture and store a photo of the visitor during check-in.
2. Capture and store a photo of the visitor's ID card.

Compressed image should be stored in the system

**Notification System:**

1. Send real-time notifications for check-ins, check-outs, and approvals.
2. Way of notification to be discussed - Email

**Visit Approval:**

1. Notification to the admin for approvals for certain visits.