
VISITOR MANAGEMENT SYSTEM

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Visitor Management System

A corporate office requires a Visitor Management System to streamline visitor check-in, check-out, and service coordination. This system should allow reception staff to manage visitor entry and exit while notifying relevant internal teams of visitor arrivals.

System Requirements

Visitor Check-In and Check-Out:

- Receptionists can check in visitors and capture essential details like name, contact information, and purpose of visit.
- Visitors must upload an ID proof during check-in, which is securely stored in the system.

System Requirements

Automated Notifications:

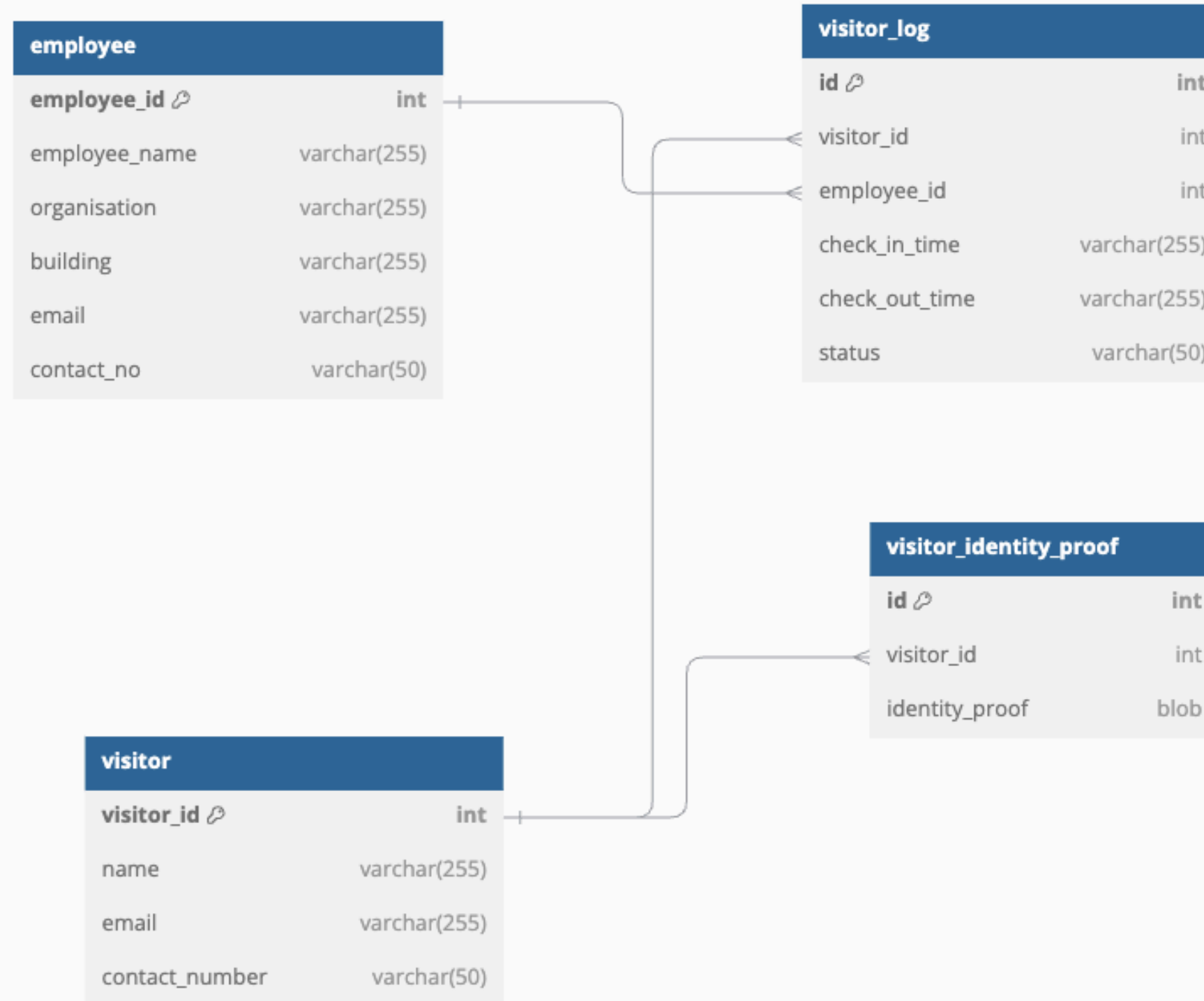
- Upon check-in, notifications are sent to:
- Host Employee: Receives an email notifying them of the visitor's arrival.
- IT Support: Prepares visitor Wi-Fi access and sends login details to the visitor via email.
- Security Team: Receives a message about the visitor's entry and clearance status.
- Notifications should automatically stop after check-out.

System Requirements

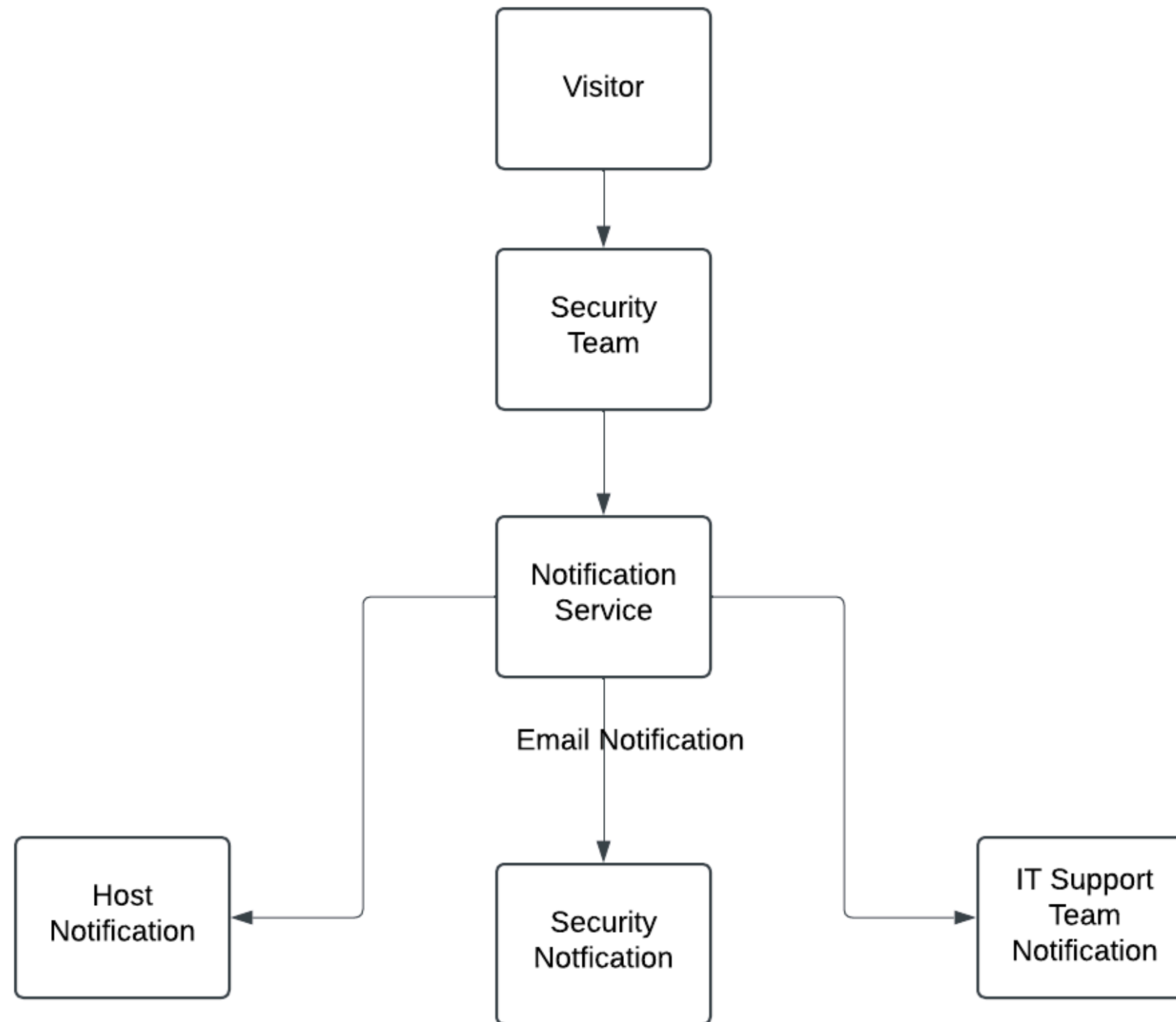
Backend and Deployment:

- The system should be developed as a Play Framework web application, with a REST API to manage check-in/check-out operations.
- A separate microservice will be created using Akka Actors to handle messaging for the IT and Security teams.

ER Diagram



Flow Diagrams



API Documentation

Employee Management API Documentation

Visitor Managment API Documentation

Thank you!
