

# Scalability and future plan

## **Requirement Gathering:**

Understand the exact needs of the corporate environment—user roles, approval workflows, data security, and integration requirements.

## **Designing the Architecture:**

Consider a scalable architecture using cloud services like AWS, Azure, or Google Cloud. Choose scalable databases, microservices architecture, and containerization for flexibility.

## **Frontend Development:**

Develop an intuitive user interface for employees and approvers. Use modern frameworks like React, Angular, or Vue.js for scalability.

## **Backend Development:**

Build a robust backend using scalable languages like Python, Node.js, or Go. Use frameworks like Django, Express.js, or Flask. Implement authentication, authorization, and data storage securely.

## **Approval Workflow:**

Create a workflow engine to manage travel requests, approvals, rejections, and notifications. Consider using tools like BPMN (Business Process Model and Notation) for this purpose.

**Integration:** Integrate the application with