

Requirement Analysis:

1. **User Authentication:** Secure login and authentication system for employees and managers.
2. **Travel Request Form:** A form for employees to fill out their travel details including purpose, dates, location, and budget.
3. **Approval Workflow:** A system that routes the travel request to the respective manager for approval.
4. **Notification System:** Real-time notifications for both employees and managers on the status of travel requests.
5. **Data Storage:** Secure and organized storage for all travel requests and approvals.
6. **Reporting and Analytics:** Ability to generate reports and analyze travel expenses and trends.

Flow chart:

st=>start: Start

op1=>operation: User logs into the application

op2=>operation: User fills out travel request form

op3=>operation: Request is sent to the respective manager

cond1=>condition: Manager approves the request?

op4=>operation: Send notification to employee

op5=>operation: Store the approved request data

op6=>operation: Generate travel report

e=>end: End

st->op1->op2->op3->cond1

cond1(yes)->op4->op5->op6->e

cond1(no)->e