

SOFTWARE REQUIREMENT SPECIFICATION DOCUMENTATION

TRAVEL REIMBURSEMENT SYSTEM

ABSTRACT

The standardization, transformation and upgrading of financial management plays an important supporting role in promoting the standardized management and healthy operation of corporate expense reimbursement behaviors. This project starts with travel expense reimbursement. Automating travel expense reimbursements eliminates labor-intensive and error-prone tasks such as receipt safe-keeping, data validation, and expense report processing. The web application gets the details from the employee, about their details and expenses during the business travel, in the form. When the employee submits the form, the report will be generated. The report status will be in pending status until getting approved. The employee can view the pending and approved status in the application. The report will be reviewed from the admin side and gets approved or rejected. For both approval and rejection of the report, the employee will get notified through the registered E-mail id. The details of the payment and status of the report will be mentioned in the e-mail. With this web application, Organizations can make efficient travel expense reimbursement system which enables easy expense reporting and quick expense reimbursements, earning greater employee loyalty and trust.

EXISTING SYSTEM

The existing system of Travel Reimbursement collects the details of expenses and update the status of the report in the web application. The report checking and updating can take two or three days.

PROPOSED SYSTEM

The proposed system will update the status of the report through mail as well as in the application. By this, the user does not want to open the application to view the status of the report.

FUNCTIONAL REQUIREMENTS

- **CREATE AN ACCOUNT**

This section gets the information like mail-id, employee id, employee name, password, confirm password. After entering the details, otp will be sent to the registered mail-id to verify the account. After successful verification, account will be registered.

- **LOGIN**

This section contains

- Employee ID
- Password
- Forgot Password

- **HOME**

-ADD REIMBURSEMENT BUTTON

- Employee Name
- Employee Id
- Travel Start date
- Travel End date
- Expenses & Cost
- Attach Bills
- Submit

- **STATUS**

- Pending Report
- Approved Report

- **ACCOUNT**

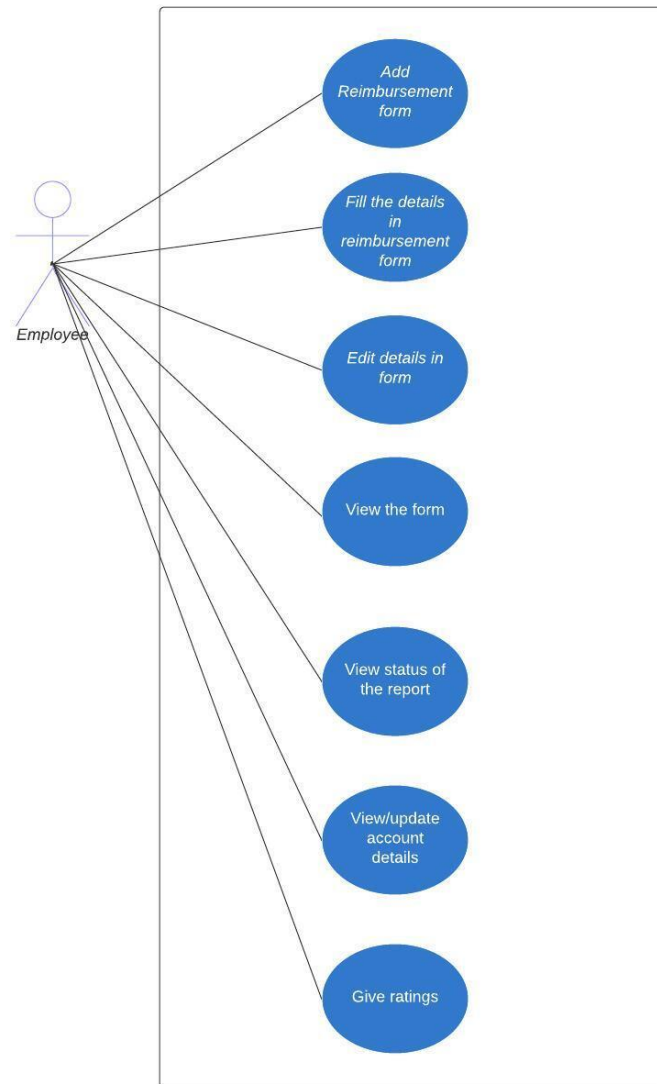
- Employee Id
- Employee Name
- Mail-id
- Ratings/Feedback
- About
- Sign out

NON-FUNCTIONAL REQUIREMENTS

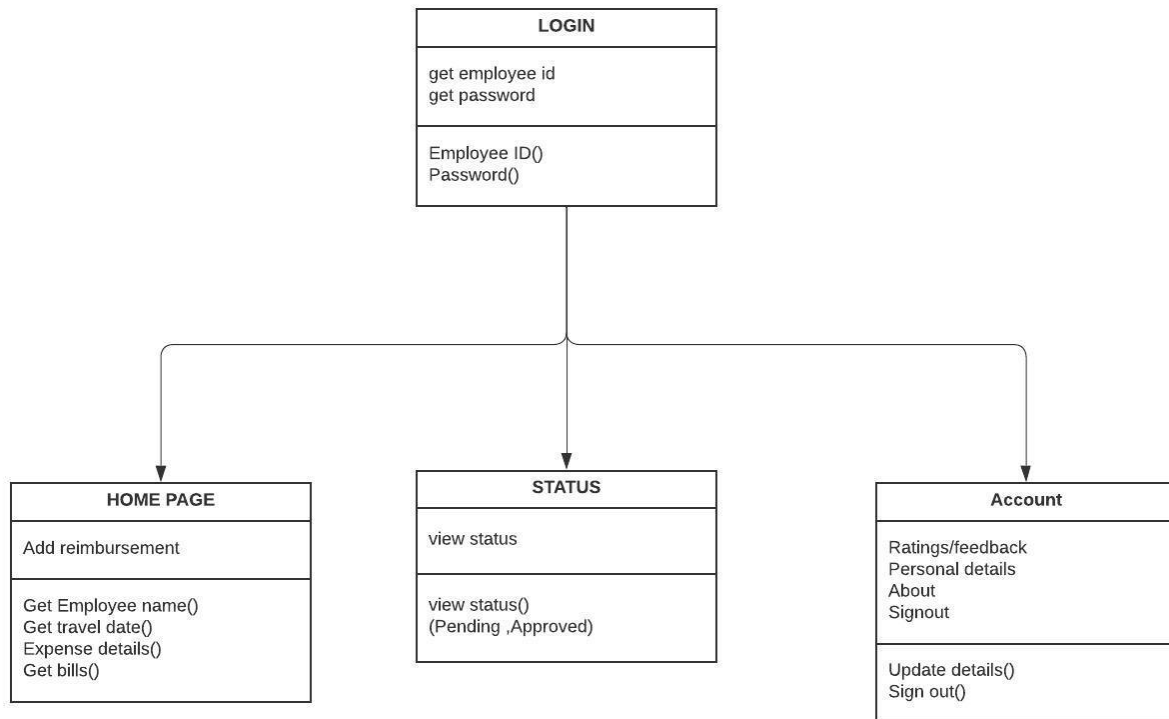
- * Performance
- * Accessibility
- * Maintainability
- * Reliability
- * Compatability
- * Availability

UML DIAGRAMS

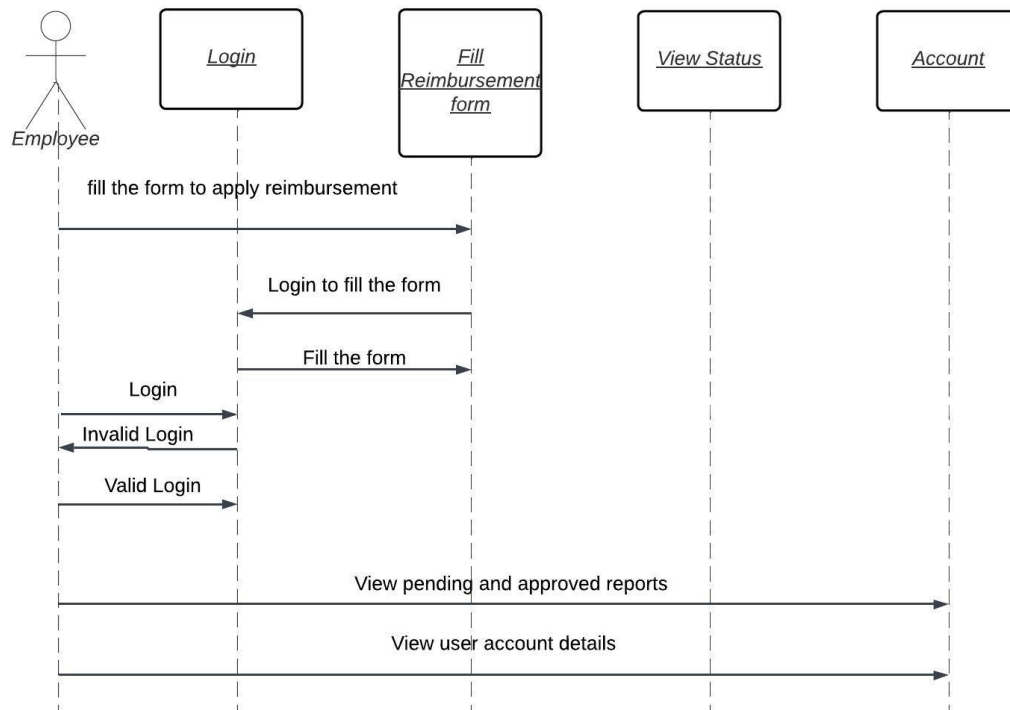
1) Use case diagram



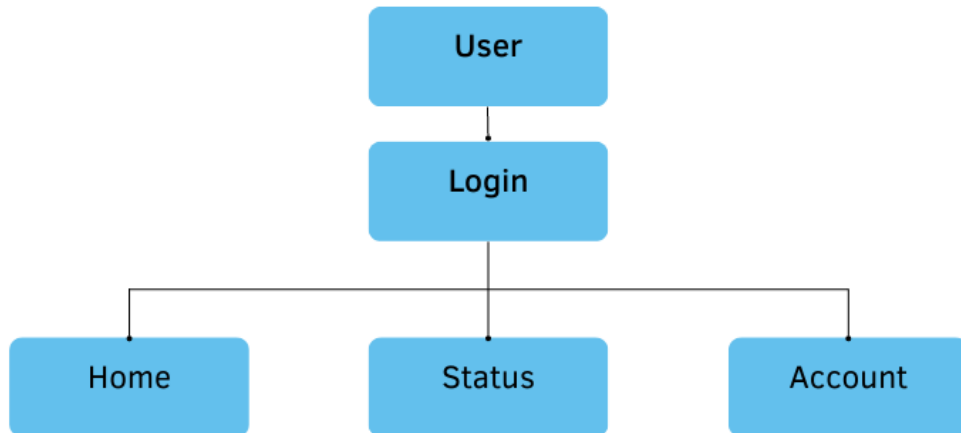
2)CLASS DIAGRAM



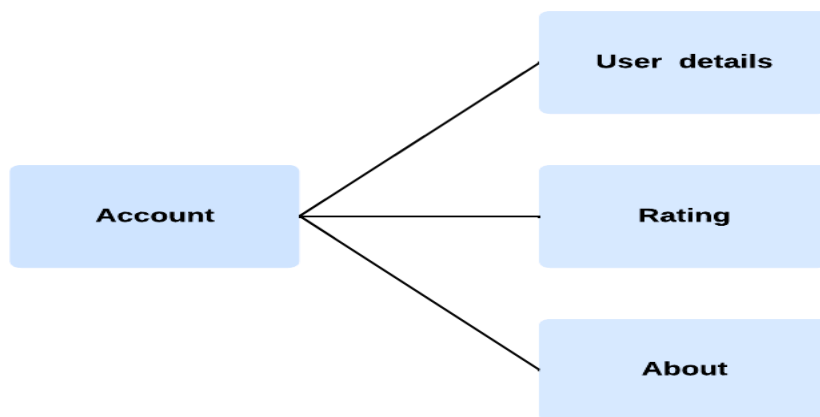
3)SEQUENCE DIAGRAM

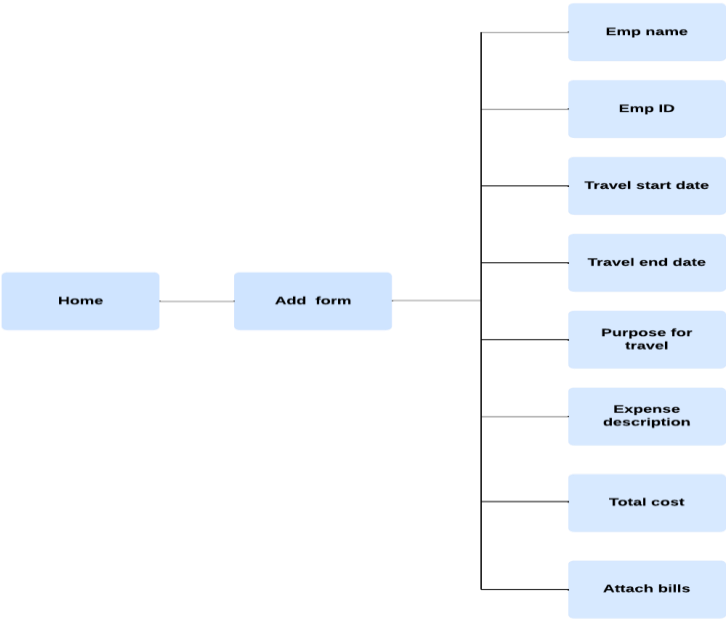
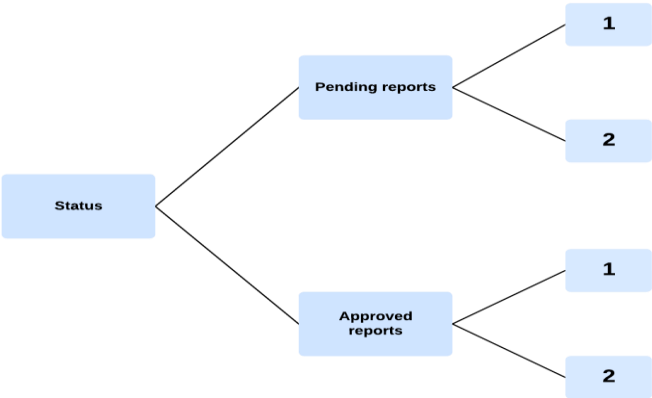


HIGH LEVEL DESIGN

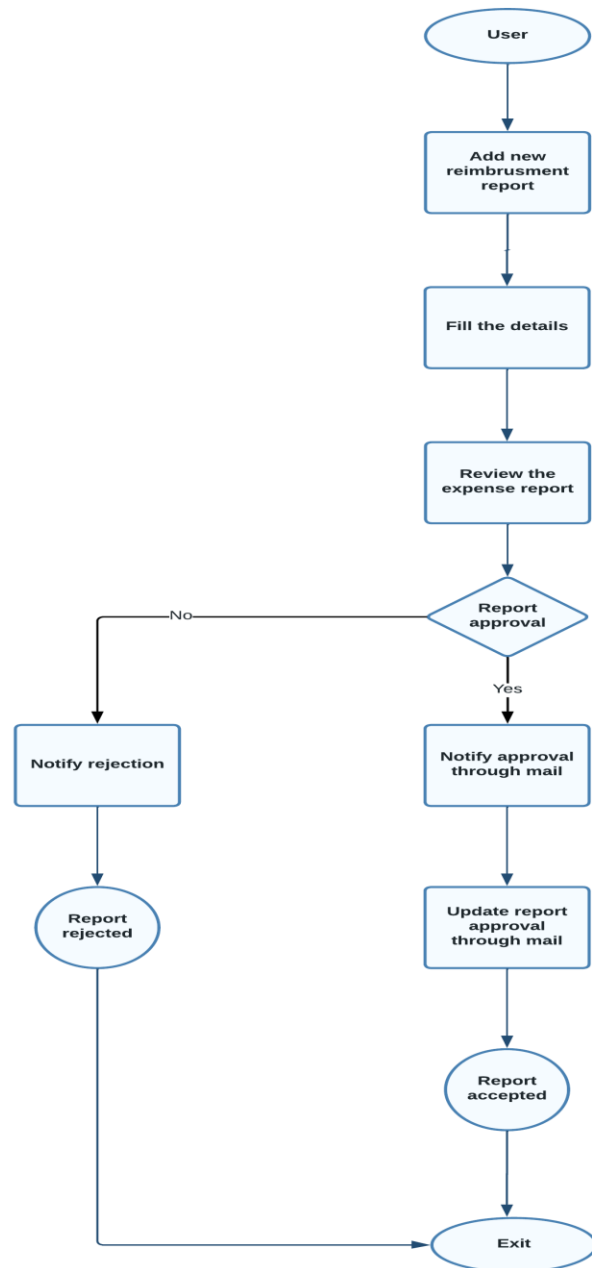


LOW LEVEL DESIGN





FLOWCHART



TEST CASES

TEST CASE	DESCRIPTION	PRECONDITIONS	TEST CASE DESCRIPTION	TEST STEPS	TEST DATA	RESULT
TS-01 TC-10 1	Travel Reimbursement	i) Unlock your mobile/laptops ii) Connect to internet iii) Ensure that connection is established.	Signup as a user	1)Open the web application 2>Login page will be displayed 3)Click signup 4)Enter username, mail-id, password ,to create account, and click next. 5)otp will be received to mail 6)enter the otp to create account successfully.	Employee Id=IN1001 Employee name="Dhivyan" Email=abc@gmail.com Password=dbss@534y	Passed
TS-02 TC-20 1	Travel Reimbursement	i)Unlock your mobile/laptops ii)Connect to internet iii)Ensure that connection is	Login	1) Enter employee id, password to login. 2) Employee id should contains 6 letters(first 2	Employee id=IN1001 Password=dbss@534y	Passed

		established		characters and last 4 digits). 3) Password should be atleast 8 characters, including special characters, alphabets, numbers.		
TS-03 TC-301	Travel Reimbursement	i)Unlock your mobile/laptops. ii)Connect to internet iii)Ensure that connection is established.	Fill the form	1) Login to account 2) On the homepage, click add reimbursement and fill the details 3) Submit the form	Employee id=IN1001 Password=dbss@534y	Passed
TS-04 TC-401	Travel Reimbursement	i)Unlock your mobile/laptops ii)Connect to internet iii)Ensure that connection is established.	View Status	1) Login to account 2) On the homepage, click status to view. 3) Reports will be categorized as pending and approved. 4) Click pending/approved reports to view.	Employee id=IN1001 Password=dbss@534y	Passed
TS-05 TC-50	Travel Reimbursement	i)Unlock your mobile/laptops ii)Connect to	Ratings/feedback	1) Open the app.	User did not login	Failed

1		internet iii)Ensure that connection is established.				
TS-06 TC-60 1	Travel Reimburseme nt	I)Unlock your mobile/laptops ii)Connect to internet iii)Ensure that app is installed Iv) Login	Give ratings	1) Login to account. 2) In the homepage, click account. 3) Click ratings and feedback 4) Give your ratings on the scale of 5.	Employee id=IN1001 Password=dbss@534y	Passed
TS-07 TC-70 1	Travel Reimburseme nt	I)Unlock your mobile/laptops ii)Connect to internet iii)Ensure that app is installed	Forgot Password	I)On the login page, click forgot password. ii)Enter the mail-id registered while creating an account. iii)OTP will be received to mail-id iv)Enter the OTP to verfiy that it's you. v)Enter a new password . Vi)Click Submit. (Note: Otp should be only	Email=abc@gmail.com OTP=1234 New password=djanfo@987	Passed

				numbers. No special characters, alphabets are included).		
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