

Software Requirements Specification

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1. Abstract

Insurance management system is a user friendly platform for applying insurance for an employee and his family members. An agent can also use this platform to update policy details. Using this system an employee can easily apply for an insurance which is suitable for him and also can pay the insurance policy mount through the system. Employee will get the updates in policies very soon. This platform also useful for the agents and insurance corporations to provide insurance and update the policy details.

2.SCOPE OF THE PROJECT

Insurance management system allows customer to apply for insurance and pay their insurance amount yearly. This system also include agents of insurance companies. they are able to modify the policy schemes, details and ca add new available policies.

3.MODULE DESCRIPTION

1. Login

The user should login with valid mail id and password to get into the system.

2.Customer details

User can see his profile and agent can see details of all the customers enrolled in the different policies

3.Policy details

Agent can use this option to add or delete or update policy details likewise the customer can see the policy details.

4.Payment

Customer can see the pending payments and can make the payments, insurance company agent can add the payment.

5.Complaints and Help

Agents can view the complaints of customer. And can response to the message. Customer can post complaints and ask for help.

6.Log out

Once the user completed his work he can logout from the system.

4.FUNCTIONAL REQUIREMENTS

Insurance company agents functionalities

- 1.Login
- 2.Add Policy details
- 3.View Customer details
- 4.Approve customer requests
- 5.Add payment
- 6.View payments
- 7.Update Policy details
- 8.View complaints
- 9.Reply to complaints
- 10.Logout

Customer functionalities

1. Login
- 2.View profile
- 3.View Policy details
- 4.Apply for the policy
- 5.Make a payment
- 6.Get payment receipt
- 7.Add complaints
- 8.Logout

5.NON-FUNCTIONAL REQUIREMENTS

Reliability

System should run consistently in any environment as per the user requirement.

Availability

The system should be available at all time so that the user can use the system at any time they need.

Security

Data given in the system should be secure , it should be protected from the unauthorized access.

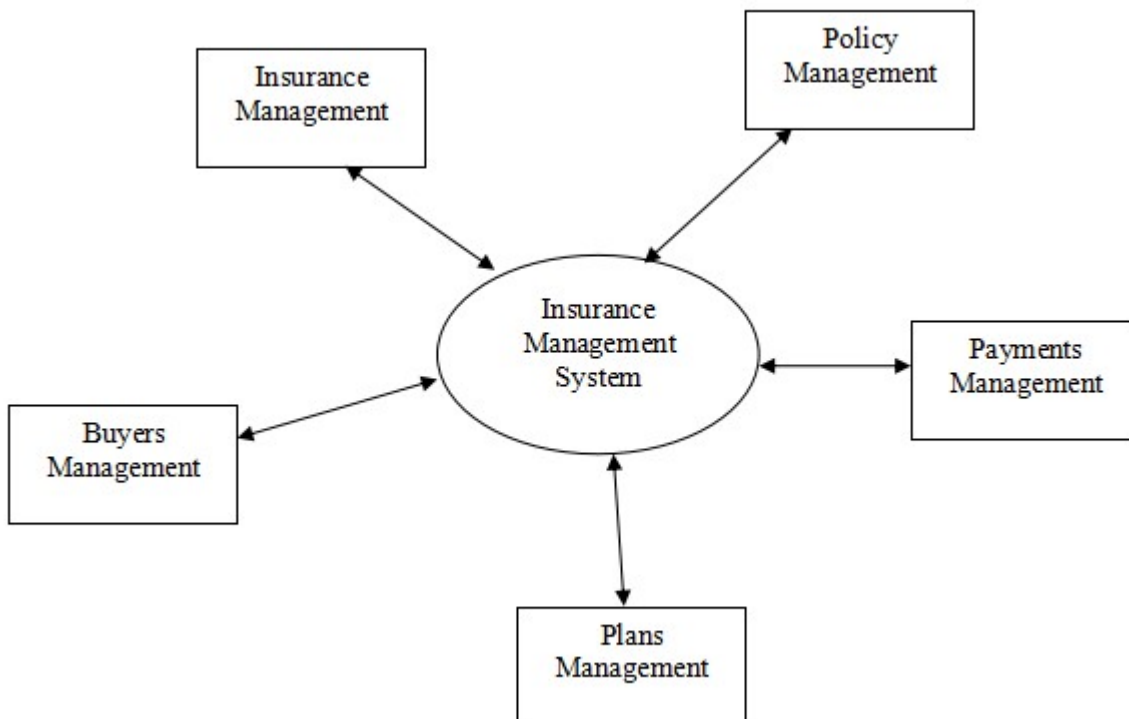
User friendly

System must be easily used by the users.

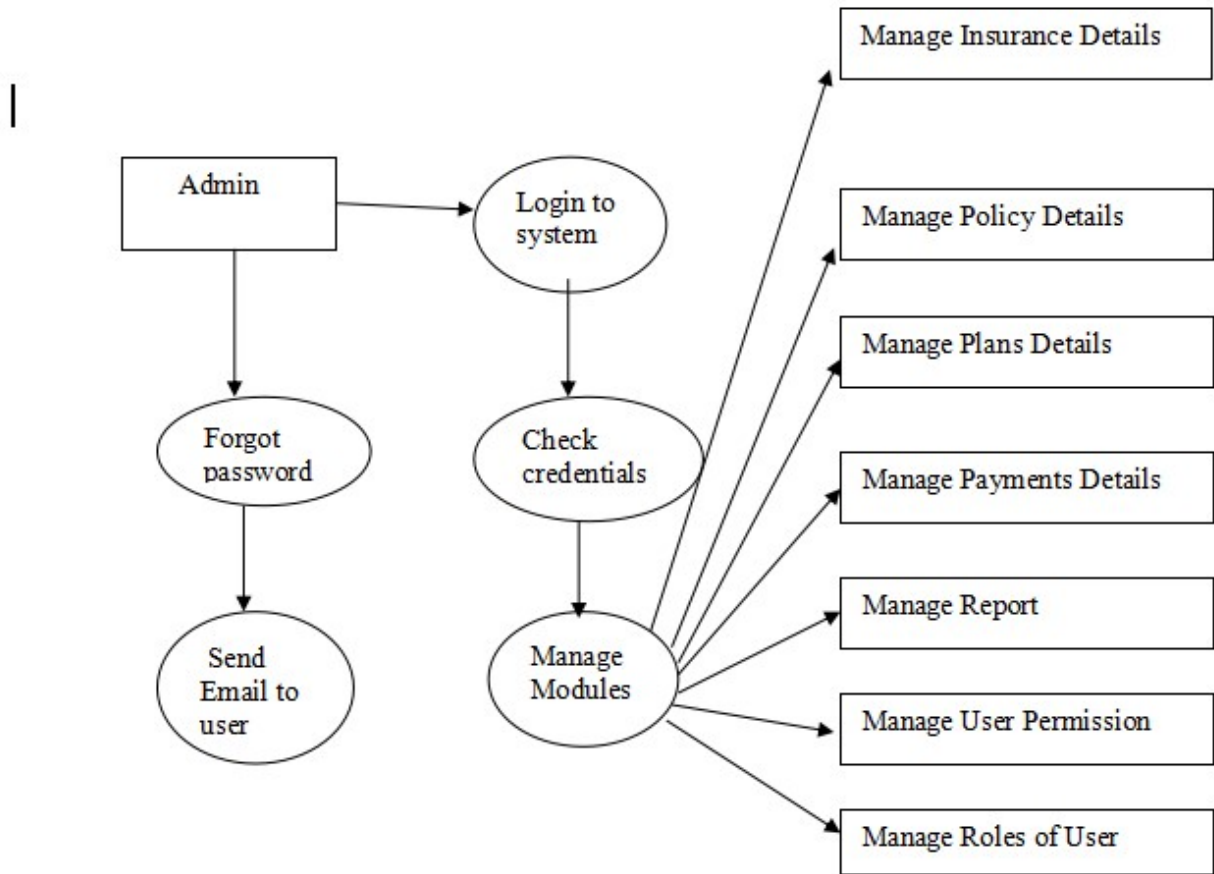
Performance

Performance of the system should be good.

6.HIGH LEVEL DESIGN

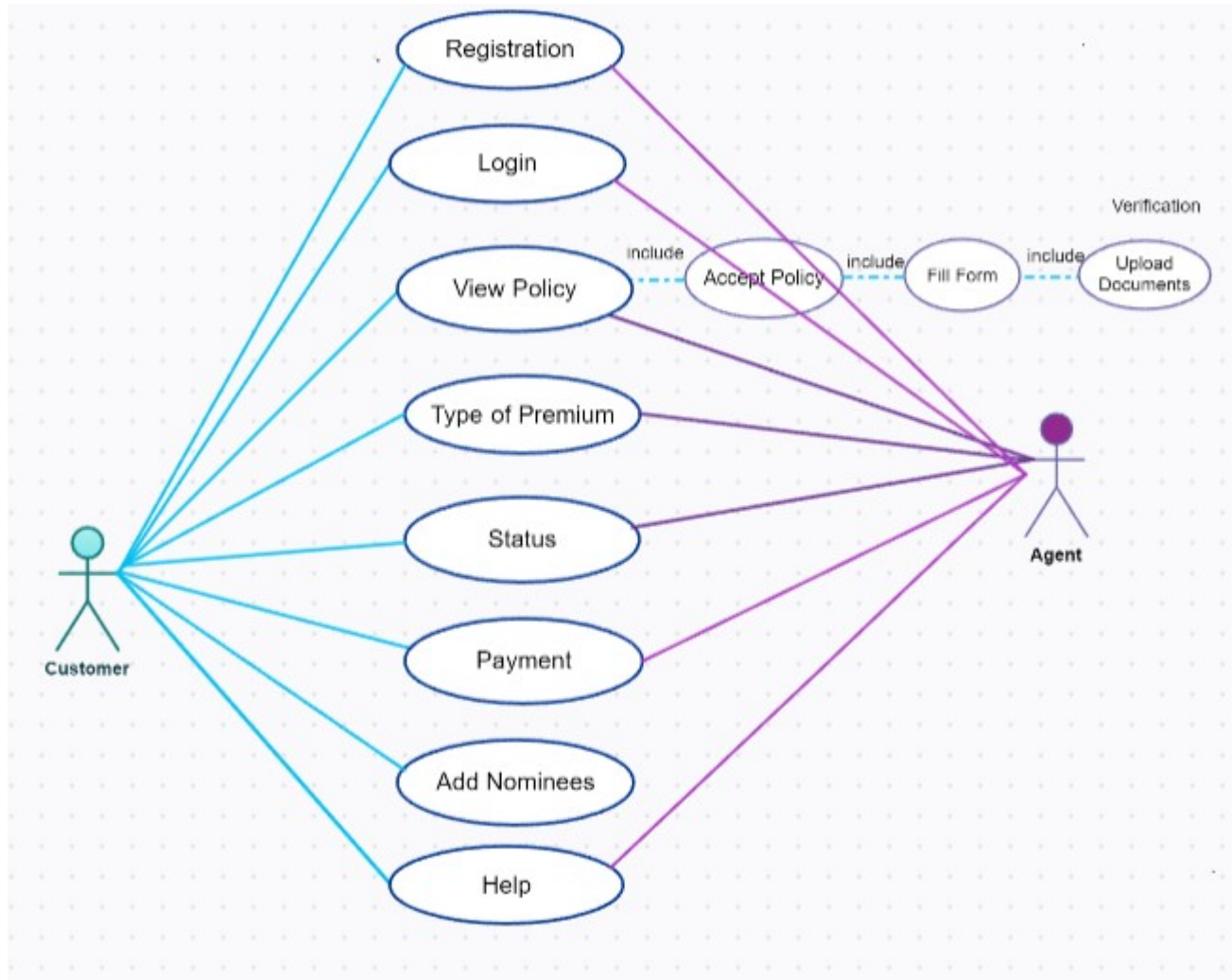


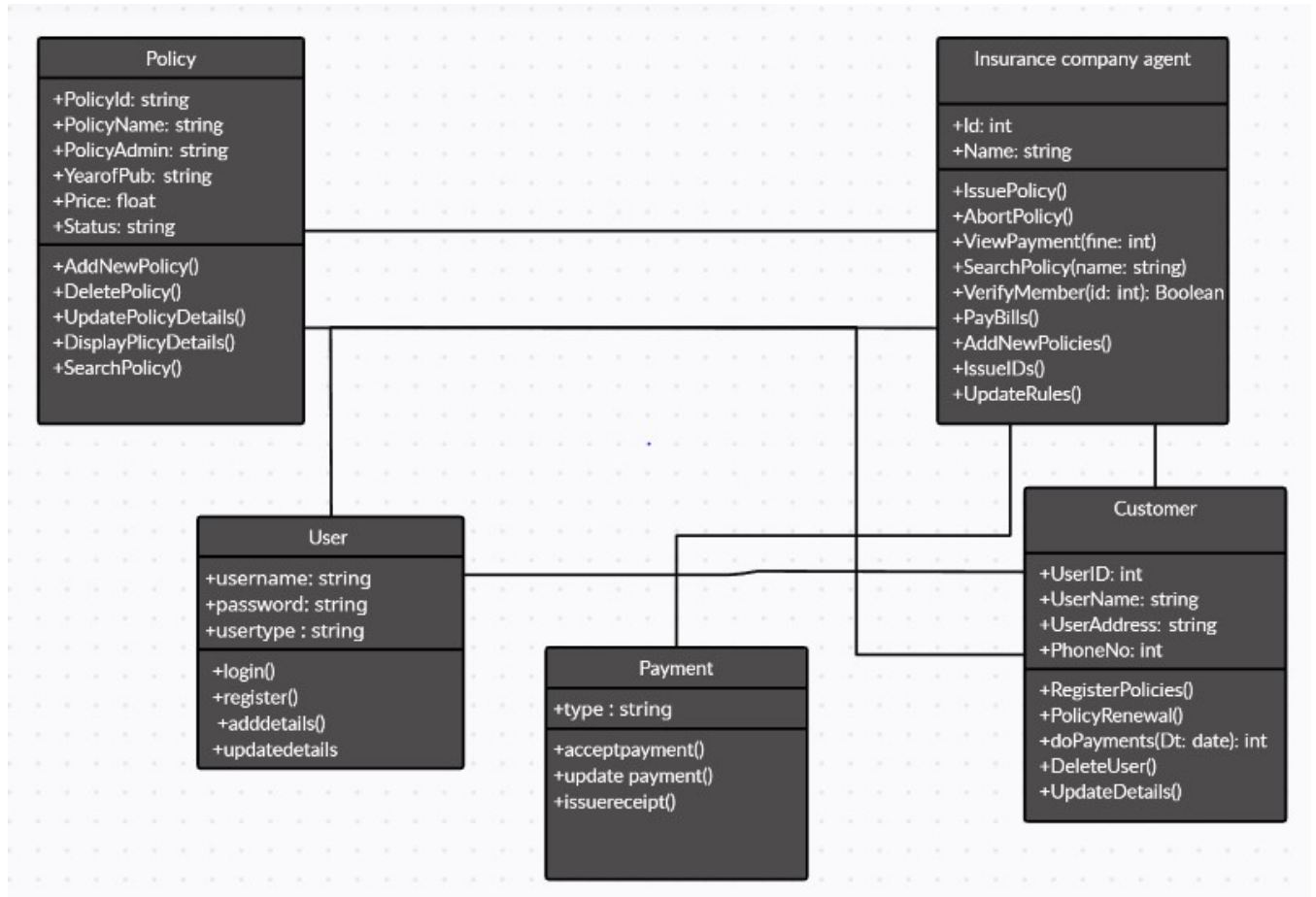
7.LOW LEVEL DESIGN

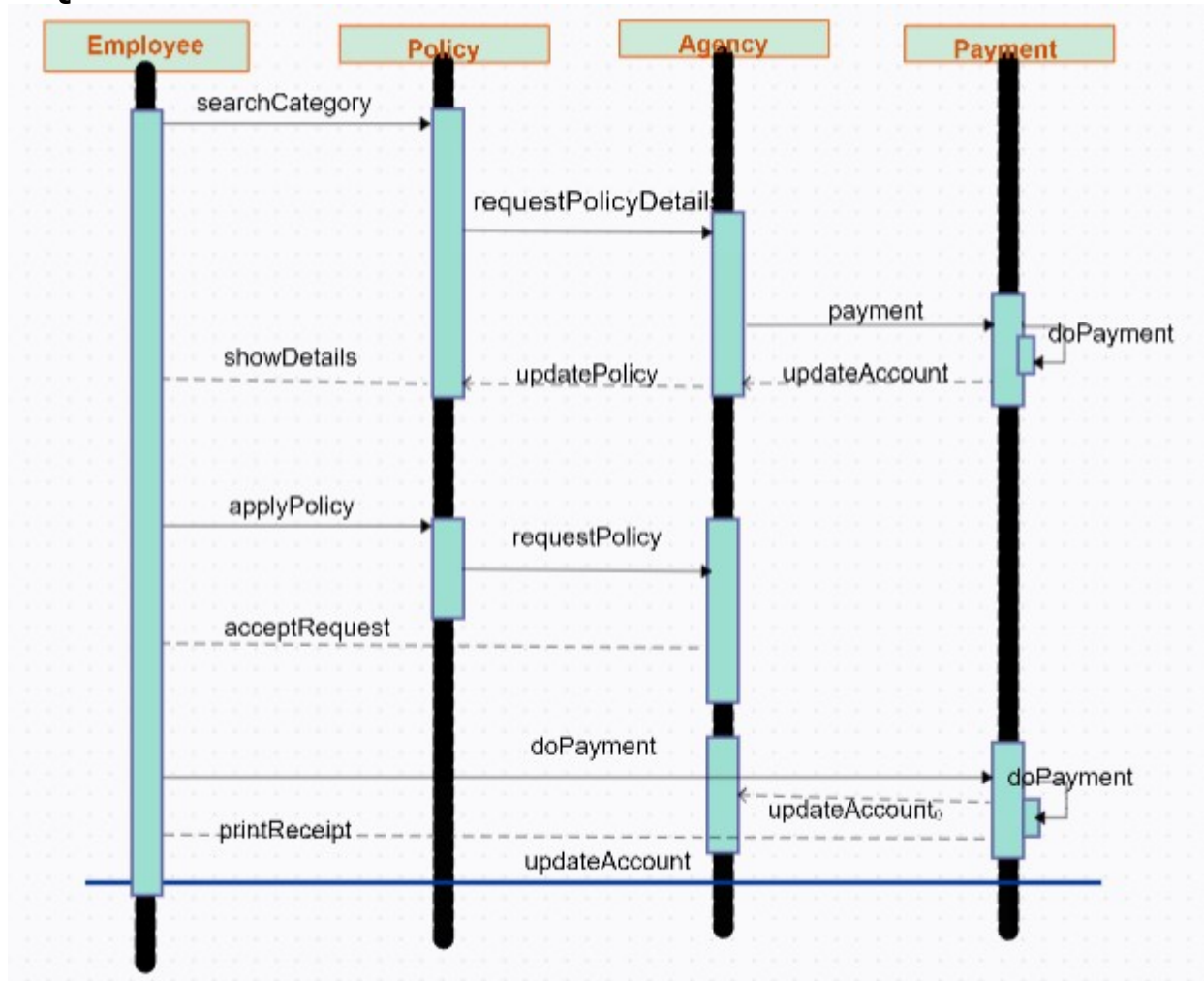


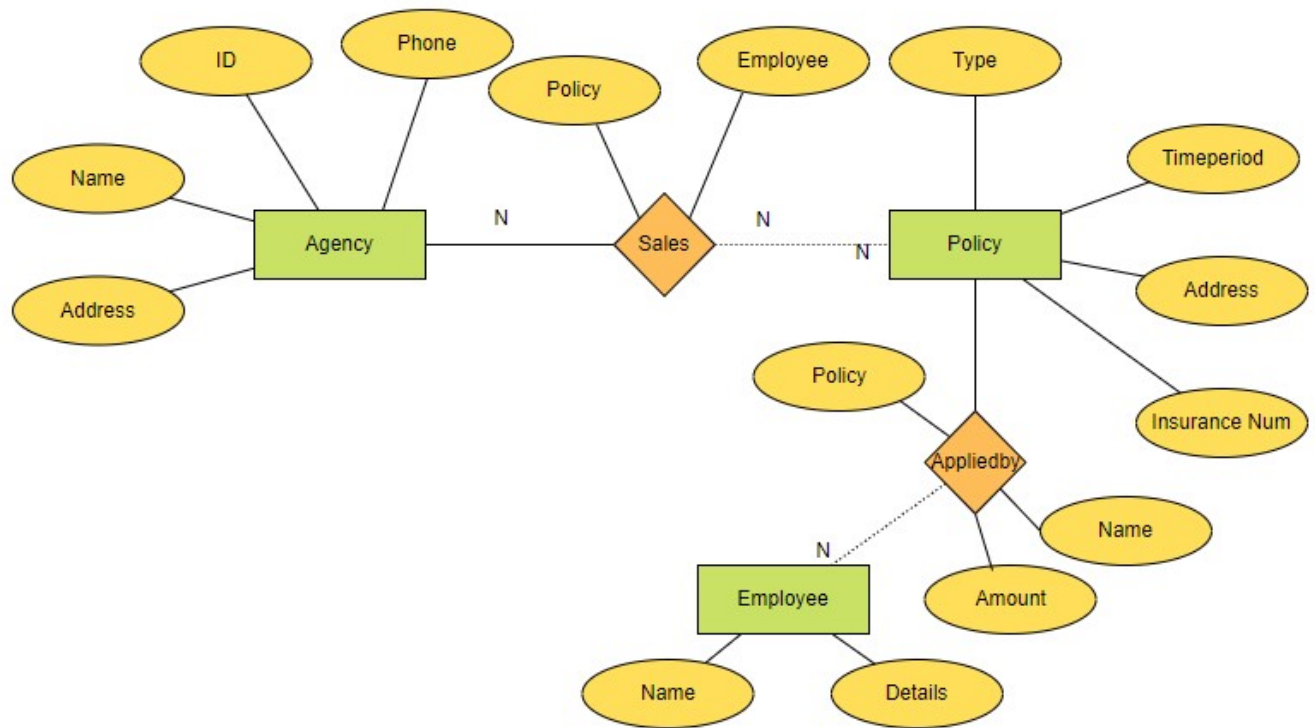
8.UML DIAGRAMS

USECASE DIAGRAM



CLASS DIAGRAM

SEQUENCE DIAGRAM

ER DIAGRAM

9.TEST CASES

TEST CASE	EXPECTED RESULT	TEST RESULT
Enter valid details in registration page	Software should give message of successful registration and redirect user to login page	Successful
Enter details with some fields empty or providing invalid details	Software should ask to provide valid user details	Successful
Provision of valid user id and password	Redirect to profile page	Successful
Invalid login details	Software should ask for valid details	Successful
Click on view profile	User can see his profile	Successful
Click on view policy details	User can see the available policy details.	Successful
Update policy details	Agents can update policy details	Successful
Applying for policy	Software should send request to the agent	Successful
View request	Agent can view requests and approve the policies	Successful
Update policy details	Agent can update policies he can add payment details.	Successful
Click on Logout	User and agent should be logged off from the page	successful

10.CONCLUSION

Insurance management system is a best platform which will be helpful for both employee and insurance agency in applying and approving the policies. It will also reduce the work load of agents and improve the comfort of the employees.