

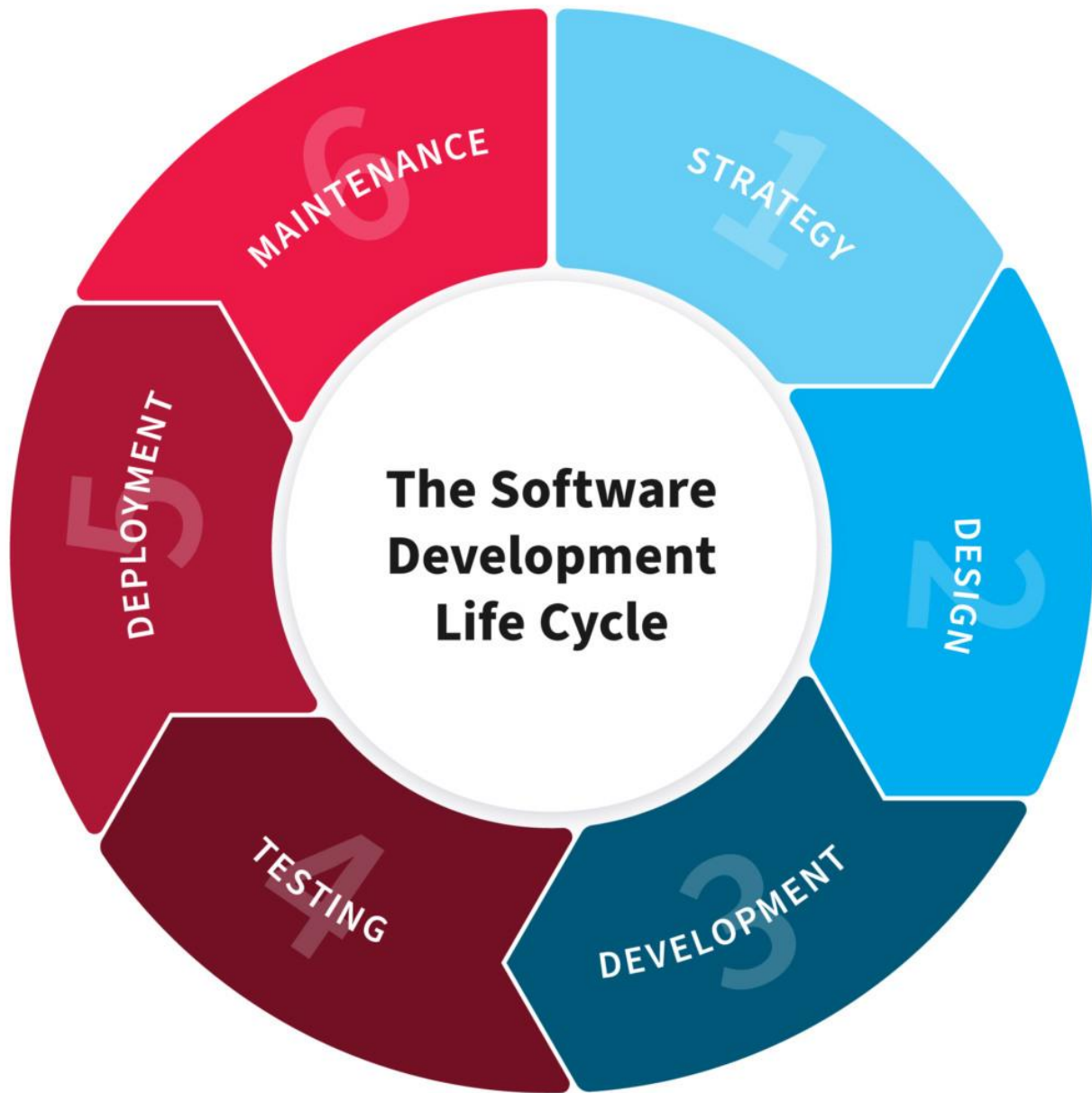
ADVANCED JAVA PROGRAMMING PROJECT REPORT

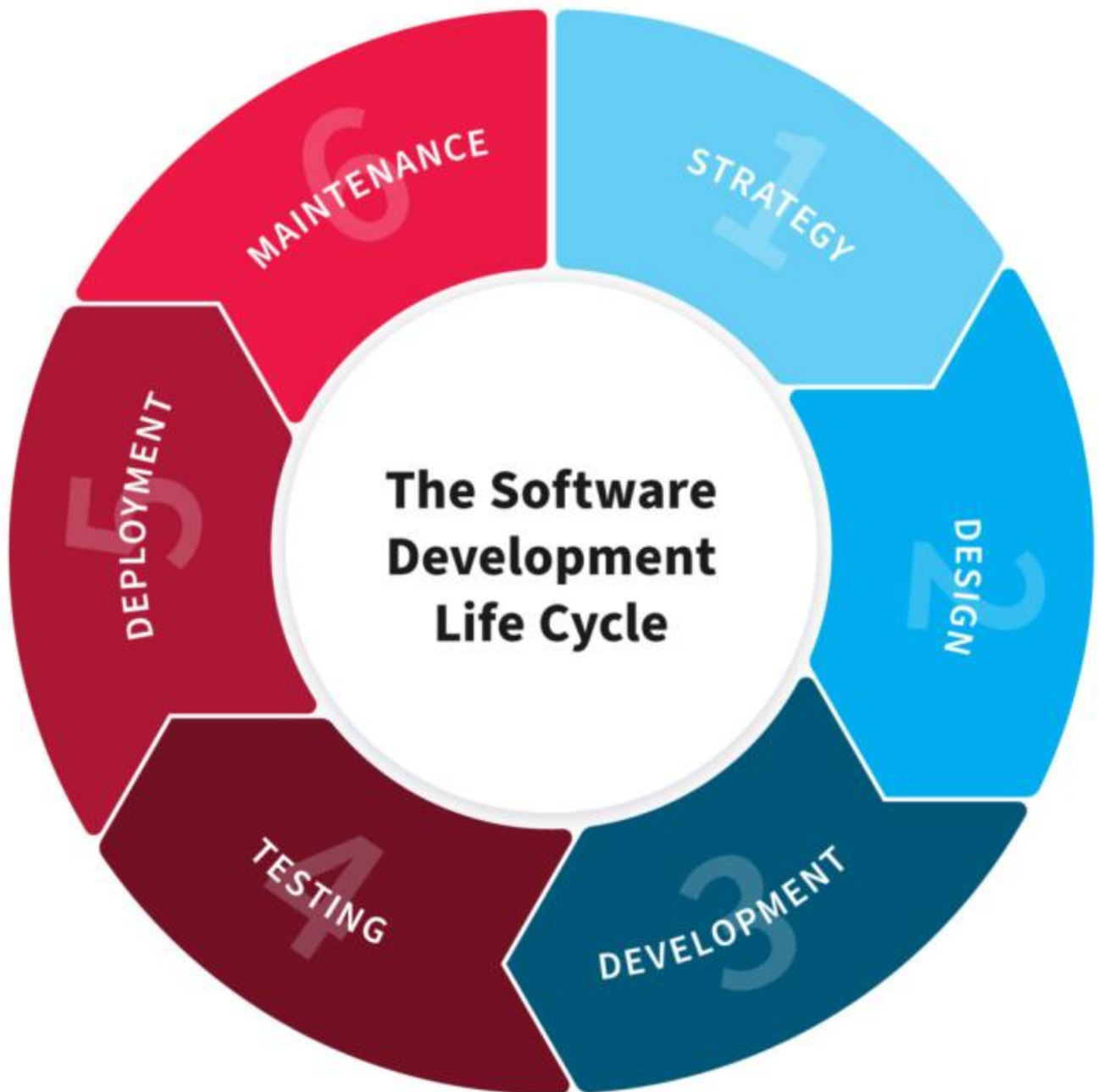
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Project name: Internet service provider





1. Planning

The name quite explains the scenario of this internet service provider project. is the purpose of the project and the major task of this project is to provide internet service to the clients. You will provide the details of each and every section of data field's .so that the system can store your accurate information. There are basically three sections in this project i.e. they are the customer, plan and employees of the company.

Goals

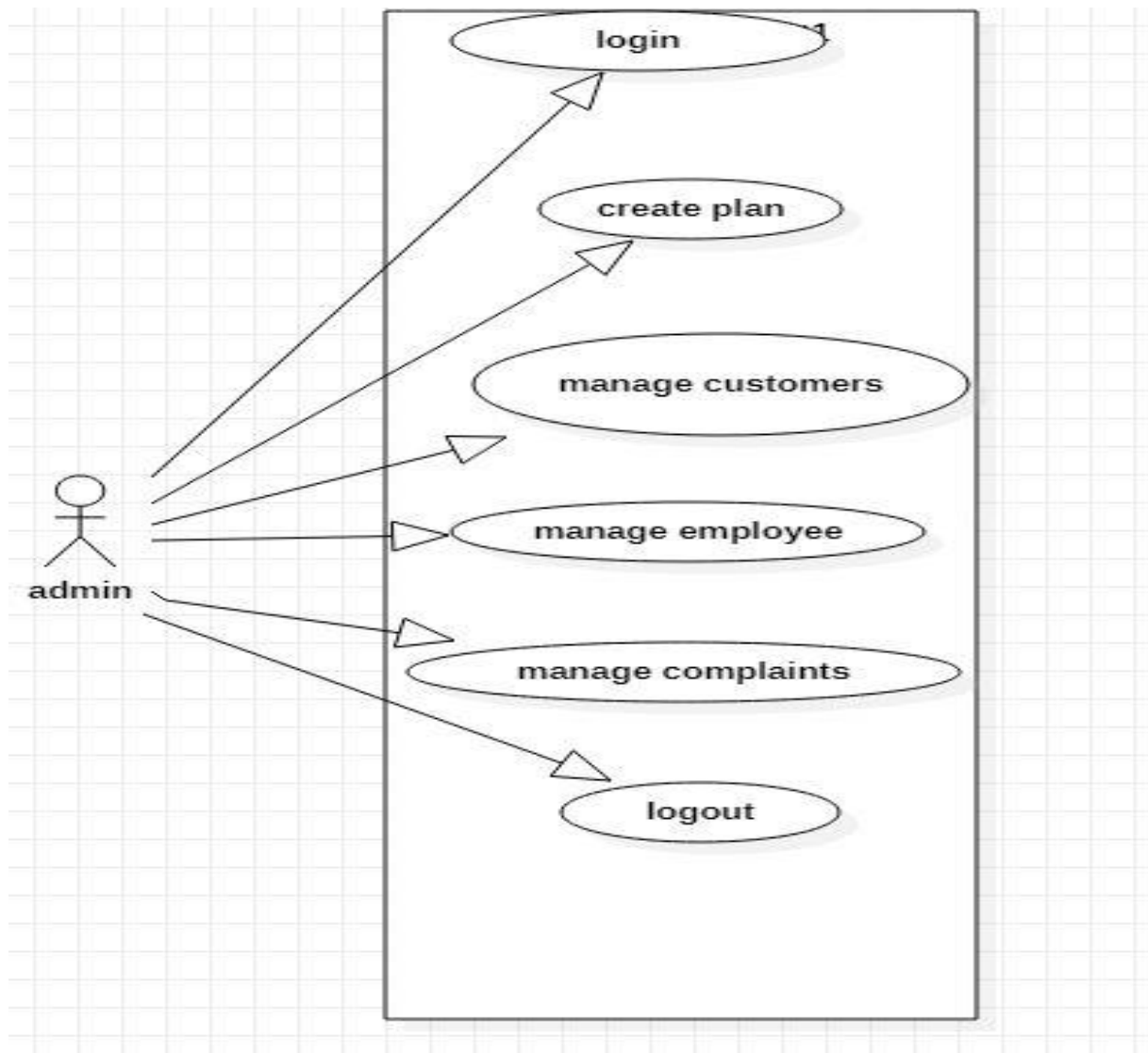
1. The admin of ISP companies got what they needed, or what they wanted.
2. The admin of ISP companies was able to easily make use of this project.
3. The quality, performance, security of the project were acceptable to the admin.
4. To utilize a reasonable amount of resources in building it.
5. To complete the work in a reasonable amount of time.
6. The work was built to be maintained or updated or expanded.

This project is going to solve the problems including physical connectivity issues between customers, company and customer management ISPs need to manage customer's accounts, bills and support.

Security ISP needs to ensure that networks and customer's data are secured and provide incident capabilities.

2. DESIGN

This system will work as desktop application for administration of internet service provider companies so it was developed using NetBeans with java swings and connected with MySQL database for well functionality.



This system is designed to be used by only for one user called admin.

This is how the user will use the system:

He/she will login first and after login home page will allow him/her to create plan in case he/she found market for the internet, after creating plan he/she is also able to edit/delete the plan as long as it is no longer in plan. Here is also an option of recording ,viewing ,updating and deleting a customer for management, in complain management admin will have to tick or untick according to solving of complains ,so when any complain is solved he/she will thick.

Functional requirements

- ✓ The system will provide a centralized platform for administrators to access and manage customer data plan.
- ✓ The system include a reporting feature that will allow for monitoring customer data for specific time.

Technical requirements

- ❖ *The system was designed as java application using NetBeans IDE.*
- ❖ *This system use MySQL workbench as database management system to store and manage data stored.*

3. DEVELOPMENTS

Used technologies:

- Front end: Java Swing.
- Database :MySQL Database
- IDE Used : NetBeans 8.2
- Connector: MySQL connector

After planning and design we created database to store the users' information in tables that are:

- Admin
- Customer
- Complains
- Plan
- Employee

And made relationships among them by using primary keys and foreign keys and after database we had to connect with our system files coded in NetBeans software and its swings for graphical design and to connect us used MySQL connector.

4. TESTING

In testing phase of system development we imported our project in many different operating system and we found that it can run in either windows or macs, the issue we met is that it is hard to import NetBeans project to other platforms like eclipse.

5. DEPLOYMENT

To distribute our project we had to take computers which have NetBeans installed, wamp server for database, and connector in that way our system can be imported and accessed.