Title of Project	Premium Calculation Engine for insurance domain
Platform	Java
Technology Description	The Technical domain of Premium Calculation Engine for insurance domain belongs to Struts and Enterprise Java.
Synopsis Summary	"**Premium Calculation Engine for insurance domain**" is a major Summary component in the electronic systems of Insurance Companies. The Insurance agent's Samurai is the system meant for insurance agent that helps to automated some of the functionalities in the insurance policy related activities. This system should have the facility to enter the customer details who wants to take an insurance scheme. The system should be able to provide necessary illustrations and calculate the premium amount. This system should also provide the facility to show the specification of premium term as per the choice of premium value to be paid. If the customer decides to go for the selected insurance plan.
System Requirements Specifications (SRS)	Functional Requirements: ● Customers create a new account. ● And he logins. ● Customer can view the list of policies. ● He or she can calculate the premium for a particular policy. ● He or she can logout from the system. ● Admin can login and he can view the list of policies. ● Admin can edit or delete or modify the policy. ● Admin can logout from the system. Non-Functional Requirements ● Data Integrity Should maintain ● Proper History maintains ● No Clash in Data Updating ● Authorization and Authentication maintenance

System Architecture	System Description
	● System consists of three layers
	    ○ Model
	    ○ View
	    ○ Controller

Data Model	• E-R Model
	• Relational Model
Test Plan	• Check the data belongs to customers is accurately viewable by different users like admin, manager or supplier
	• Check the final ledger is equal
	• Check the presentation of the screens
Deliverables	• System source code
	• War file to deploy in server
	• Database and DDL scripts
Effort Estimation	• 8 Man-Months(4 Members x 2 Months)
Skill set Required	• Pursuing Engineering graduation in Computer Science or Information Technology
	• Technical, Analytical and coding skills
	• Knowledge in Java and Java EE
	• Basic knowledge on software quality and quality management
Steps to be carried out for the project	• Study and understand Java and Java EE
	• Study the abstract
	• Discuss, understand and analyses the requirements
	• SRS Document , Functional and Design Specification
	• Create Data Model
	• Implementation
	○ Coding
	○ Debugging
	○ Unit, Integration and System Testing
	• Documentation
Target Users of project	• Customers
	• R & D Organizations
Project Documentation	• Proof-of-Concept code execution result data
	• Analysis reports
	• Stage wise status reports
	• Final Project Dissertation
	• Project Summary Report - Separate
	• Certificate of Successful Completion
Production Environment	• Struts1.3
	• MySql5.5
	• HTML, JavaScript
	• Tomcat6.0
Development Environment	• Net Beans IDE
	• MySql Query Browser for SQL Editor
	• Tomcat6.0

| | • MS-Word |