WIPRO
Applying Thought

REQUIREMENT SPECIFICATION

Project Code:	AIQS-01
Project Name:	Auto Insurance Quote System
Account:	
Vertical:	
Location:	Bangalore Development Center
Customer Name:	XYZ Insurance Company
Technical Manager/ Email ID:	
Project Manager / Email ID:	
Quality Co-ordinator / Email ID:	
Customer Contact Information:	

Revision History

Version (x.yy)	Date of Revision	Description of Change	Reason for Change	Affected Sections	Approved By
1.00	26-Sep-2011	Initial Draft			

Affected Groups

Development Engineering
Quality Assurance
XYZ Insurance Company

List of Reference Documents

Name	Version No.
1. Request For Proposal	1.1
2.	
3.	
4.	

Table of Contents

1   Introduction

XYZ Insurance Company provides Auto Insurance Quote services to users (the equitable transfer of the risk of a loss, from one entity (person) to another, in exchange for a premium).

The 'Auto Insurance Quote System' application should be able to collect the information of the Customer (User - a Vehicle Owner), vehicle details and driver details, and provide online quote instantly. It is an application which will provide Insurance Quote (Premium) of a vehicle for stipulated period of time.

Scope and Overview:
The scope of the Auto Insurance Quote System (AIQS) will be to provide the functionality as described in Functional Requirements below. The system will be developed on a Windows XP machine using J2EE, JSP/HTML, and JDBC.

2   Functional Requirements

The users of the application are:
1. Administrator – view/modify/delete user quote
2. User (Vehicle Owner) – add vehicle information and buy insurance quote

Below are the requirements specific to the types of users:

2.1   Administrator

Requirement ID	Description	Priority
AD-001	The administrator should be able to view user quote	P1
AD-002	The administrator should be able to modify user quote	P1
AD-003	The administrator should be able to delete user quote	P1
AD-004	The administrator should be able to change his/her password	P1

2.2   User (Vehicle Owner)

Requirement ID	Description	Priority
US-001	The user should be able to register to the AIQS application	P1
US-002	The user should be able to buy insurance quote	P1
US-003	The user should be able to add driver's information for a vehicle	P1
US-004	The user should be able to modify driver's information for a vehicle	P2
US-005	The user should be able to delete driver's information for a vehicle	P1
US-006	The user should be able to view quote premium information	P1
US-007	The user should be able to change his/her password	P2

2.3   Authentication & Authorization

Requirement ID	Description	Priority
AA-001	All users logging into the system should be authenticated using a unique login_id and password (operations to be supported based on type of user)	P1

2.4   Exit handlers

Requirement ID	Description	Priority
EX-001	The application should handle logout (close all open database connections, invalidate sessions, etc)	P1

3   Interface Requirements

The Auto Insurance Quote System should be developed as a GUI application using HTML/JSP screens.

4   Non functional Requirements

- The application should be intuitive and easy to maintain
- The application should be able to handle simultaneous requests from multiple clients
- Upon installation, the Administrator is expected to have default User ID and Password
- The system may force the Administrator to change admin's password to a non default one, upon initial login
- Upon installation, the application is expected to have a default 'TransactionTable' with the credit card numbers of users(minimum 10 entries)
- Upon installation, the application is expected to have a default 'InsuranceProviderDetails' (minimum 10 entries)

Target Environment:
- Intel hardware machine (PC P4-2.26 GHz, 512 MB RAM, 40 GB HDD)
- Windows XP
- Server – Apache Tomcat 6 or higher
- Database – Oracle 9i or higher
- JRE
- Eclipse IDE

5   Assumptions/Dependencies/Limitations

- Each User (Vehicle Owner) will hold Single Premium Quote for one Vehicle
- Any automobile could be traced by its Chassis number (frame) and the Engine number
- Maximum of four drivers can be added for an insured vehicle (spouse, son, daughter etc…)
- By default, the Insurance user entering the quote information will become Primary Named Insured (PNI)
- By default, the PNI will become the first driver
- The Premium (yearly) is calculated as 4% of the IDV (Insured Declared Value is 95% of the show room price of the vehicle)
- Most of the Insurance Providers provide discounts (20% or 30%)
- As the car grows older, the IDV goes down. For a one year old car, the IDV would be 85%

6   Acceptance Criteria

The acceptance criteria will be defined in Acceptance Test Plan.

List of expected deliverables:
- Release note
- Use Cases document
- Design Document
- Installation guide
- Test Plan documents
- Test Cases documents (with test results)
- Tested source code

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7 Requirements Priority Table

Abbreviation	Remark
P1	First Priority (Priorities have been specified along with the requirements)
P2	Second Priority (Priorities have been specified along with the requirements)

8 Acronyms and Glossary

Abbreviation	Remark
AIQS	Auto Insurance Quote System
PNI	Primary Named Insured
IDV	Insured Declared Value