# Travel Care Portal

**Description:**

Travel Care Portal is designed to facilitate the covernote issuance for travelers under General Insurance - Non Motor class of Travel Insurance products. This portal has common modules under which quotations for cover notes can be issued.

System gathers the common functionalities to be implemented for agents and direct customers.

The existing system does not include short term travel insurance and even does not cover some major benefits, which can be included for coverage. The proposed system has also included optional benefits, employees grouped under business clients and even the family coverage.

Planning to build the software using Java.

**Technology details:**

JSP, Java Beans & Oracle with IDE: Eclipse / STS and Toad.

**Screen details:**

Common screens like Login & Dashboard will be done as a general process.

1. Client Details
2. Travel & Other Insured Details
3. Plan & Benefits
4. Premium Calculation
5. Quotation Generation
6. Quotation Details
7. **Client Details**

Here we need to gather client (they are the Insured persons generally) information as below; the same are stored in EIS\_MST\_CLIENT table.

Client Name

Contact Type: Individual / Business

**Controls for Individual category:**

New IC No

DOB

Gender

Occupation

**Controls for Business category:**

Business Reg No

Type of Business

Contact Person

**Common controls**

Address

Mobile Number

Tel. No

Email

1. **Travel & Other Insured details**

* For travel insurance to be processed, we need to give coverage details of whether Individual or Business client.
* If individual client details are chosen in client screen, then allow Single / Family coverage under coverage type and under ‘Insured Details’ section, client details from ‘Client screen’ will be shown by default.
* If business client details are chosen in client screen, then allow only Business coverage under Coverage Type and under ‘Insured Details’ section, leave it for user entry.
* Can include multiple clients, with single policy by clicking ‘Add More’ option, on clicking this button the details already shown / entered has to be maintained in session.

Policy Type: Annual Rate / Short Rate

Policy Issue Date

Inception Date

Expiry Date

Coverage Type: Single Coverage / Family Coverage / Business Coverage

**Travel Area Coverage details:**

Area Type: Prime / Area East / Area West / Specific

Area Description: Load from master table (EIS\_MST\_AREA\_DESC)

**Insured Details**:

Main Insured: Name from Client Screen

[For Family Coverage] [Include “Add More” button beneath the details]

Insured Name

NEW IC No

DOB / AGE / Gender [to be Auto loaded]

Relationship type

Occupation

[For Business Coverage] [Include “Add More” button beneath the details]

Insured Name

Business Reg No

Employee Code / Name

Occupation

The above details to be shown in a grid parallel on adding multiple records and same to be stored in table EIS\_TRN\_NM\_QUOTATION and EIS\_MST\_TRAVEL\_INSURED.

1. **Plan & Benefits**

* Design to show Benefit Group & Benefit details with Plan details in a hierarchy, these details to be gathered from tables EIS\_MST\_PLAN, EIS\_MST\_PLAN\_BENEFIT and EIS\_MST\_PLAN\_BENEFIT\_AMOUNT.
* The plan and benefits are to be chosen, with respect to every single insured added in the above screen, the chosen details to be stored in EIS\_TRN\_INSURED\_PLAN\_BENEFIT
* Add nominees for every insured for business category and common nominees for self / family category. Store this in table EIS\_TRN\_TRAVEL\_NOMINEES.
* Display the Insured name with plan name & premium details in a grid.

1. **Premium Calculation**

* Consolidate the premium amounts chosen in previous screens and calculate the total annual premium. Here include Commission in case of Agent user and Discount for Admin user and GST, so need to retrieve the values from a setup table EIS\_MST\_SETUP\_CONFIG.
* Store the values finally in EIS\_TRN\_NM\_QUOTATION table.

1. **Quotation Generation**

Create a PDF / HTML Report to display the quotation created.

**OUTPUT:**

**Note: Here the output is a PDF file, please mention the output details if it is an image / any other data. Should show a format of PDF / image / other data details here.**

**DATABASE DESIGN**

**PK –** Primary Key**; FK –** Foreign Key

**MASTER TABLES:**

1. **EIS\_MST\_CLIENT**

NUM\_CLIENT\_ID NUMBER(10) [PK]

VCH\_CLIENT\_NAME VARCHAR2(250)

CHR\_CONTACT\_TYPE CHAR [I / B]

VCH\_NEW\_IC\_NO VARCHAR2(12)

DTT\_DOB DATE

CHR\_GENDER CHAR [M / F / O]

NUM\_OCCUPATION\_ID NUMBER(10) [FK: refer EIS\_MST\_OCCUPATION]

VCH\_BUSSINESS\_ REG\_ NO VARCHAR2(12)

VCH\_BUSINESS\_TYPE\_DESC VARCHAR2(200)

VCH\_CONTACT\_PERSON VARCHAR2(250)

VCH\_ADDRESS VARCHAR2(500)

VCH\_MOBILE\_NUMBER VARCHAR2(20)

VCH\_LANDLINE\_NO VARCHAR2(20)

VCH\_EMAIL VARCHAR2(100)

1. **EIS\_MST\_COVERAGE\_TYPE**

**Data to be:** Single Coverage / Family Coverage / Business Coverage

NUM\_COVERAGE\_TYPE\_ID NUMBER(10) [PK]

VCH\_ COVERAGE\_TYPE\_DESC VARCHAR2(100)

CHR\_STATUS CHAR [Y / N]

1. **EIS\_MST\_AREA\_TYPE**

**Data to be:** Prime / Area East / Area West / Specific

NUM\_AREA\_TYPE\_ID NUMBER(10) [PK]

VCH\_ AREA\_TYPE VARCHAR2(100)

CHR\_STATUS CHAR [Y / N]

1. **EIS\_MST\_AREA\_TYPE\_DESC**

NUM\_AREA\_TYPE\_DESC\_ID NUMBER(10) [PK]

NUM\_AREA\_TYPE\_ID NUMBER(10) [FK: refer **EIS\_MST\_AREA\_TYPE**]

VCH\_ AREA\_DESC VARCHAR2(1000)

CHR\_STATUS CHAR [Y / N]

1. **EIS\_MST\_OCCUPATION**

NUM\_OCCUPATION\_ID NUMBER(10) [PK]

VCH\_OCCUPATION VARCHAR2(200)

VCH\_STATUS CHAR [Y / N]

**TRANSACTION TABLES:**

1. **EIS\_TRN\_NM\_QUOTATION**

NUM\_QUOTATION\_ID NUMBER(10)[PK]

CHR\_POLICY\_TYPE CHAR [A / S ]

DTT\_POLICY\_ISSUE\_DATE DATETIME

DTT\_INCEPTION\_DATE DATETIME

DTT\_EXPIRY\_DATE DATETIME

NUM\_COVERAGE\_TYPE\_ID NUMBER(10) [FK refer from EIS\_MST\_COVERAGE\_TYPE]

NUM\_AREA\_TYPE \_ID NUMBER(10) [FK refer from EIS\_MST\_AREA\_TYPE]

NUM\_AREA\_DESC\_ID NUMBER(10) [FK refer from EIS\_MST\_AREA\_TYPE\_DESC]

NUM\_CLIENT\_ID NUMBER(10) [FK refer from EIS\_MST\_CLIENT]

VCH\_INSURED\_NAME VARCHAR2(250)

VCH\_NEW\_ IC\_ NO VARCHAR2(20)

DTT\_DOB DATE

NUM\_ AGE NUMBER(3)

CHR\_GENDER CHAR [M / F/ O]

NUM\_RELATIONSHIP\_TYPE\_ID NUMBER(10) [FK refer from EIS\_MST\_ RELATIONSHIP\_TYPE]

NUM\_OCCUPATION\_ID NUMBER(10) [FK: refer EIS\_MST\_OCCUPATION]

VCH\_EMPLOYEE\_CODE VARCHAR2(20)

**UNIT TEST CASES:**

Explain the unit test cases to be applied for each screen & also the validations for each control. Provide the end result details for the system. For Example:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Test Case Id** | **Scenario** | **Steps** | **Test Data** | **Expected Results** | **Actual Results** | **Pass / Fail** |
| 1 | Login with valid Data | 1. Goto Portal Login screen 2. Enter Username & password 3. Click Signup | Username: Admin  Password: test@123 | Dashboard page to be displayed on successful login | As expected | Pass |
| 2 | Login with valid Data | 1. Goto Portal Login screen 2. Enter Username & password 3. Click Signup | Username: Admin  Password: dfgdgfdsf | Dashboard page to be displayed on successful login | Error shown as ‘Wrong Username / Password’ | Fail |