engineering Risk UI  
Low Level   
Design document

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# Amendment History

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Description of Change | Author | Date |
| 1.0 | Initial draft | Narender | 20-Nov-2018 |
| 1.1 | Final draft | Naredner |  |

Identification of service or component method.

Internal method/ component method-use to do internal operation inside component=[I],

Service method-use to retrieve the data from api=[S]

# Description:

This document provides the comprehensive Low Level Design overview of engineering Risk UI. It describes how the Ui integrated with Risk.

# Risk flow diagram:

Steps To Go Risk

Login To Jupiter with valid username and Password

Select UnderWrting Module

Search For a Particular Lob and Category

It will reach to particular LOB history page

Click on the checkbox

Click on the Risk tab

Risk page navigation:

1)Login To Jupiter

2)Select UnderWrting Module

3)Search For a Particular Lob and Category and click on search ex{lob:Engg.,categaroy:policy Number, searchdata:12}

4) It will reach to particular LOB history page

5)Click on the checkbox, snackbar will appear and click on the view it will go to transcation page.

6) Click on the risk tab it will display the list of risk summary, please select the record and click on the delete to delete particular risk.

7) Click on manage dropdown and select add risk option to add risk to particular LOB.

NOTE: Risk will depending upon CLASSCODE AND POLICYTYPECODE

In Engineering Risk we have multiple policy type and each policy type has different criteria to add and edit risk.

# Engineering Risk.

In Engineering LOB, CAR and EAR policy have the same structure for risk. Individual Risk has the sections of General risk info, Construction and Maintenance details, principal and Sub-risk details.

## Overview

## CAR and EAR Risk Summary UI Model And Component

Where the risk summary component and model as to be created,

Model Path:under Entity folder Inside underwriting folder

Component Path:under Entity underwriting folder > under-writing-components > transactions > transcation-property > risk

Modelname: risk-summary

component Name: risk.component

* 1. Get risk summary

API Layer

API Used to get Risk List.

|  |  |
| --- | --- |
| URL | https://BLRRJUPITERT01:4120/ udw/api/EngineeringRisk/GetEnggRiskDetails?policyId=10152472 |
| Methods | GET |
| params | policyID |
| Service File Name | transaction.service.ts |

1. API used to delete risk.

|  |  |
| --- | --- |
| URL | https://blrrjupitert01:4120/ udw/api/ EngineeringRisk/GetEnggRiskDetails?policyId=10152472&riskId={listOfID’s}&validityStartDate=”12/12/2019” |
| Class | RiskDetails |
| Methodds | Delete |
|  |  |
| Service File Name | transaction.service.ts |

UI Service Layer;

**ServiceName:** **transaction.service**

**getRiskDetails:this method will get the riskDetails**

**deletetRiskDetails:this method will delete the riskDetails**

UI Model/Entity/Class For Risk[risk.ts]

**className=RiskSummary,**

UI Component Layer;

**Method used to get RatingGridData in UI**

**CompoentName:** **risk.component**

**getGridData: it will get all the risk list based on policyID**

**deleteRiskDetails: it will delete particular risk based on policyID,listofRiskid and validityStartDate**

* 1. Engg. Car Ear add edit particular risk

Where the add risk component and model as to be created,

Model Path:under Entity folder Inside underwriting folder

Component Path:under Entity underwriting folder > under-writing-components > transactions > transcation-property > risk > engg-risk > create-engg-risk > create-risk-car-ear > risk-car-ear

Modelname: add-risk

component Name: risk-car-ear.component

API Layer

1. API used to get free dropdown data.

|  |  |
| --- | --- |
| URL | https://blrrjupitert01:4120/udw/api/Lookup/Get?classcode=8&policyTypeCode=1 |
| Methods | GET |
| params | policyTypeCode, classcode, |
| Service File Name | transaction.service.ts |

1. API used to get additional details function lookups

|  |  |
| --- | --- |
| URL | https://blrrjupitert01:4120/udw/api/EngineeringRisk/Get?classcode=%208&policyType=%201&riskCode=50 |
| Class | carearenggrisk |
| Methods | GET |
|  |  |
| Service File Name | transaction.service.ts |

1. API used to save and update risk.

|  |  |
| --- | --- |
| URL | https://blrrjupitert01:4120/udw/api/ EngineeringRisk/Post |
| Class | saveRiskRequest |
| Methods | POST |
|  |  |
| Service File Name | transaction.service.ts |

UI Service Layer;

**ServiceName:** **transaction.service**

**getFreeDropdownData:this method will get the data for risk,city,region.**

UI Component Layer;

add risk component have classs which is extanding the base class CarEarRiskComponent and most of the pacthing logic written in that class.it also contains openCover.

**Method used to get Add and edit and summary Risk in UI**

**CompoentName:** **RiskCarEarComponent**

**Class methods**

1. **getFreedropdowndata**: get data for most of dropdown for add risk screen.
2. **GetTransactionRoutingdetails**: this is the method used to get routing queryparam.
3. **getAdditionalRiskDropdownsData** : this is the method used to get additional details dropdown values .
4. **calculateSumInsured** :This method is used to calculate suminsured based on ContractWorks, PrincipalItem and WorkCost.
5. **saveRisk** :to save risk.

**RiskComponant**

1. **getRiskDetailsl[I]**:this method used to get risk details.
2. **deleteRiskDetails** : to delete particular risk.

ScreenShot and WireFrameUrl: <https://n76z4j.axshare.com/#p=risk_car_ear&g=1>, <https://n76z4j.axshare.com/#p=risk_summary_car_ear&g=1>



