TFCONNECT PORTAL

Myself is koteswar. Having four+ years of experience previously I have worked in concentrix catalyst in hyderabad as a senior associate.

Previously worked project:

Project name:TFCOnnect Portal.

Client: Axis Bank & AU Bank

Environment: core java,Spring boot,sql,spring jdbc ,jpa,jira,junit,maven,log4j

Description:

I worked on developing TFConnect Portal for the corporate clients. This portal enables Corporate clients will do the business domestic or internation trade. This portal has different type of features like LC,BG, Remittance,H2H,IRM Margin,FIDB Margin,Regeneration of documents . Lc Amendment,BG amendment,Idpms. We have different work flows here. Maker and Checker and as well as Bank side also. Maker will initiate the transaction.Checker will approve the transaction or reject the transaction. Once it is moved to the bank end bank either approve or reject the transaction. In each flow record is flowing to one level to another level will will maintain the status of the record in the database level. The client will give direction to status codes according to the record or transaction level. By seeing the status codes we can tell which workflow it is completed .The above said is the positive flow. The negative flow is if anyone rejected the transaction we will maintain the decrepencies on that.As a backend developer Designed the api using spring boot . Faced different challenges while implementing the different features. One of the key challenge is have to generate ftr and ftnr reports. The positive flow is ftr report .if any of the record is rejected due to some decrepencies or any of the reason the correspondent details will be saved into database tables . This is across from the all the modules. How many times it is rejected the total data we need to generate the report by using the ireport tool. This report is useful whenever bank will analyse which branch is rejected for which reason and how many times . This is very useful feature . Have implemented in my project .In this project we have used spring boot, spring jdbc , oracle and restful. We will give communication mail after success or failure in every stage in this application. Worked on diferent features like regeneration of docs, AD to AD transfer, fidb margin, h2h different features. Worked on the amendaments modules if any change in the lc and bg transaction .I have gained experience in jpa, spring boot,restful .

Roles & Responsibilites:

Involved in gathering requirements, understanding, implementation and unit testing.

Hands on experience in using spring boot applications.

Implemented unit test cases with Junit by using Mockito framework.

Experience working on Oracle using sql server developer tool.

Good working knowledge on RESTAPI tools like postman**.**

Implementing business enhancements using Java8.

Involved in development of Restful Web Services

Involved in data validations and clarifying with the respective BA

Proven ability to learn and rapidly adapt to new challenges.

Good Interaction with team members, mangers to coordinate job tasks and strong commitment to work

Experience in using bug ticketing tools like Jira.

An energetic and motivated professional with a passion for problem-solving and a commitment to delivering high-quality results.

Learned best and clean code practices and implemented those whenever I get a chance

**The features I have involved in developing are :**

ADTOAD Transfer: enabiling the foreign to foreign transaction.the customer wants to send the money foreign currency to another foreign country that is belons to the fcy transaction.This entire feature developed by me. Particular product is enabled for this project . Beneficiary address and remitter address is same. Eefc accounts need to same as fcy accounts. Trade terms and payment gateway type must and should select. The beneficiay bank details not in the master table we need to give manually . If all the details filled by the customer will confirm the transaction and submitted the transaction rrr no will be generated with different status.

Fidb Margin: pre book deals and post book deals handled and the corresponding margin details are update in this module.cusomer will enter the margin details in the system . We will do the validations if all goes fine we will process the data otherwise we will reject the records and same will be displayed to customer. Upon successful transaction sequence no will be generated and stored it in our system will send to checker approval or rejection.

H2h: this module is purely designed for motherson sumi systems and validations and development according to the motherson sumi systems. they have custom validations . Different flags enabled for this . Each flag customer has or not we will check. If he has based on the business process involved . There is single record processing and multiple records processing in the same rrr no involved here. The total invoice amout based on multiple records amount. This comes under multiple records transaction. We will take the data from staging table it comes from finacle schema. Under certain conditions the records will be picked up in the staging table.the entire module is critical and we developed the code accordingly . This moudle is very challenging .

Regeneration docs: while downloading the files system generated after the transacion any thing failed to download admin can download the corresponding docs by using this module.This feature is very useful for customers for downloading files whenever faced the problem while system generating. The **Regeneration of Documents** feature is a critical component of the TFConnect Portal, enhancing user experience and operational efficiency while ensuring compliance and data integrity. By allowing users to regenerate essential transaction documents easily, the feature helps create a robust and user-friendly financial application that meets the needs of corporate clients engaged in domestic and international trade.

Provides a seamless experience for users by allowing quick access to important documents, reducing frustration associated with document loss or generation failures.

By offering reliable access to documents, clients feel more secure and confident in the services provided, fostering trust in the financial institution or service provider.

Ensures that businesses can maintain compliance with regulatory requirements by allowing easy access to historical documents, facilitating audits and reviews.

Minimizes the need for support intervention, leading to reduced operational costs associated with customer service inquiries and manual document processing.

* **Challenge**: Users may need to track different versions of regenerated documents, especially if multiple amendments occur over time.

Beneficiary Maintenance and bank side document generation at cbs checker level:

IN lc and bg customer will do the transcation .after receiving the bank side after approval of the cbs checker if beneficiary details not stored in the database we need to store those details in the beneficiary master table. The different departments need to pass the transaction verification of the transaction and their remarks , the history need to be store in the database , In the cbs department afer checker approval the document need to be generated and all the details of beneficary will be stored into the database.

This is all about my project . Thanks.

The key use cases of this project is:

Here are 10 detailed use cases for the **TFConnect Portal** project, covering a range of functionalities and user interactions.

### **1. Initiating and Approving a Trade Transaction (Maker-Checker Workflow)**

* Corporate Client (Maker), Bank Staff (Checker)
* **Description**: The corporate client initiates a trade transaction (e.g., LC or BG), and a bank staff member reviews it, deciding to approve or reject it based on validation checks.
* **Success Criteria**: Transaction is either approved or rejected, with status updates saved in the database.

### **2. Generating FTR and FTNR Reports**

**Actors**: Bank

* **Description**: Bank analysts generate FTR (successful transactions) and FTNR (rejected transactions) reports to understand transaction trends, reasons for rejection, and branch-specific performance.
* **Success Criteria**: Reports generated accurately, showing critical information for branch-level analysis.

### **3. AD to AD Transfer (Foreign to Foreign Currency Transfer)**

Corporate Client

* **Description**: The corporate client initiates a foreign currency transfer between two foreign accounts, meeting regulatory and validation requirements.
* **Success Criteria**: The transfer is successfully processed and a unique reference number is generated.

### **4. Regenerating Transaction Documents**

**Actors**: Corporate Client, Admin

* **Description**: Allows clients to regenerate essential transaction documents in case of failed downloads, enabling smooth access for audits or compliance purposes.
* **Success Criteria**: Documents are regenerated and made available for download.

### **5. Maintaining Beneficiary Details and Document Generation at CBS Checker Level**

Bank Staff (CBS Checker)

* **Description**: The CBS Checker verifies beneficiary information. Missing details are added to the Beneficiary Master table, and documents are generated as required for compliance.
* **Success Criteria**: Beneficiary details are updated in the master table, and documents are generated without issues.

### **6. LC/BG Amendments**

Corporate Client, Bank Staff

* **Description**: The client initiates an amendment to an existing Letter of Credit (LC) or Bank Guarantee (BG), updating transaction details as needed, which then requires approval.
* **Success Criteria**: Amendments are successfully made and saved, with all stakeholders notified of the updated details.

### **7. FIDB Margin Handling for Pre-book and Post-book Deals**

Corporate Client, Bank System

* **Description**: Clients enter margin details for FIDB transactions, which the system validates. On success, a sequence number is generated and the transaction is sent for approval.
* **Success Criteria**: Validated transaction details are successfully processed, and approvals proceed as required.

### **8. H2H Module Processing for Motherson Sumi Systems**

Corporate Client (Motherson Sumi Systems), Bank System

* **Description**: This module handles custom validation of records for Motherson Sumi Systems, processing single and multiple record transactions under specific business rules.
* **Success Criteria**: Records are processed according to business rules, and all validation requirements are met.

### **9. Tracking Transaction Status by Status Codes**

Bank Staff, Corporate Client

* **Description**: By using status codes, clients and bank staff can track the transaction’s progress through various stages, such as Maker, Checker, and Bank levels.
* **Success Criteria**: Status codes accurately reflect the transaction’s current state, providing clarity for clients and bank staff.

### **10. Automated Notification System for Transaction Updates**

Bank System, Corporate Client

* **Description**: The system sends automated email notifications to clients at each stage of the transaction (e.g., initiation, approval, rejection), ensuring they are kept informed.
* **Success Criteria**: Clients receive timely, accurate notifications, keeping them updated on the transaction’s progress and status.

These use cases reflect the comprehensive functionality of the **TFConnect Portal** in supporting complex trade finance operations, user notifications, transaction status tracking, and critical compliance workflows.