

# **Clearing Feed Generation - Group 18**

Team Members:

Aditi Bornare

Gouri Somani

Mrunmayee Waykar

Rutuja Walvekar

Shruti Tanpure

## **1. Initial phase**

Generate a feed file towards the clearing system in a specific format based on the input transactions to the system.

## **2. Concept Development Phase**

This system is outlined to validate a transaction file. We enter the system login credentials and upload the text file containing transactions. Each transaction will be an atomic record and display to us all the valid and invalid transactions available.

## **3. Planning Phase**

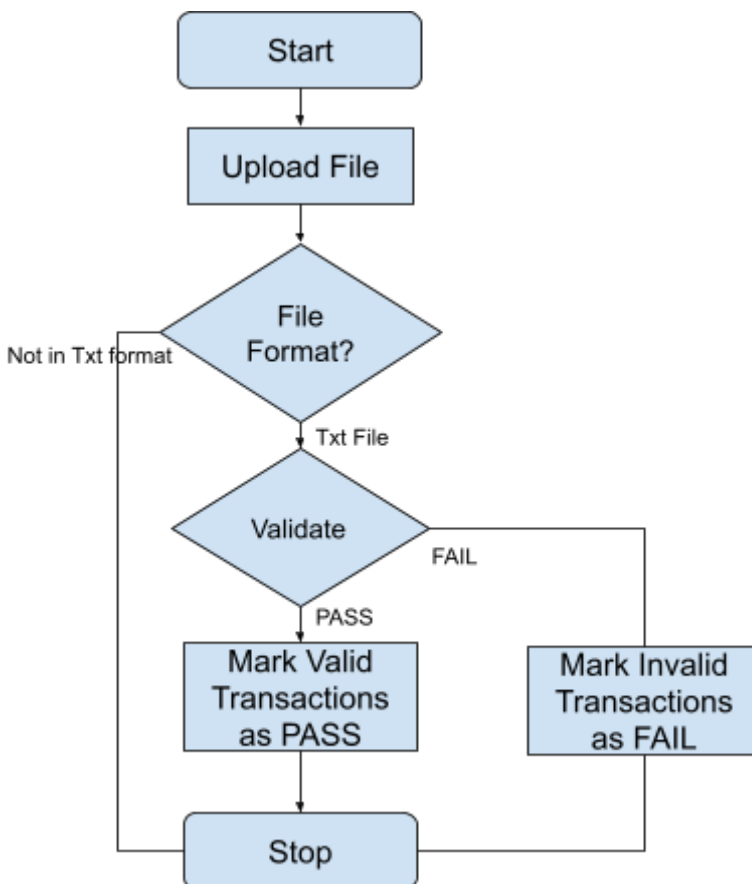
Services provided for Frontend:

HTML, CSS PHP

Services provided for Backend:

Spring

## 5. Design Phase



## 6. Development Phase

Here, we validate the file using Spring and create a Database for storing the details in SQL. We use JSP for frontend.

Functional modules implemented in this project:

- 1) Input File Poll (uploading)
- 2) Validation of a text file
- 3) Clearing feed generation
- 4) Transaction evaluation- PASS or FAIL

## **7. Test Phase**

Our main focus is on testing if the given file is in text format or not. If it is in txt format, we continue with the validation part. When the product is in the testing phase, it is very difficult to go back and change something which is left during the requirement analysis phase.

## **8. Implementation Phase**

Implementation steps in short as below:

Step 1: Create a Samplefile\_TTS.txt file.

Step 2: Uploading this file to the server

Step3: Perform Validation by checking each constraint.

Step 4: If all the fields pass the validation tests, mark it as valid else invalid.

## **9. Deployment and Maintenance Phase:**

Make the product live in the production environment after all functional and non-functional testing is completed.