

Citi Bridge Program 2020

Cummins College Of Engineering For Women, Pune.

Clearing Feed Generation.

Table no. 5 :

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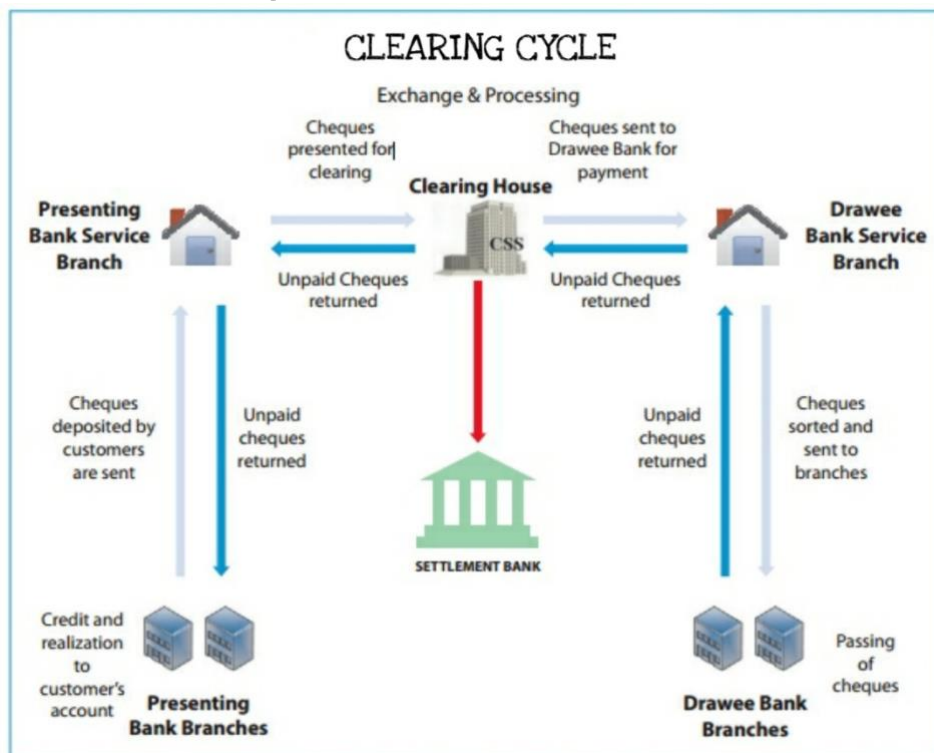
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Vaishnavi Kale

Project Overview :

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

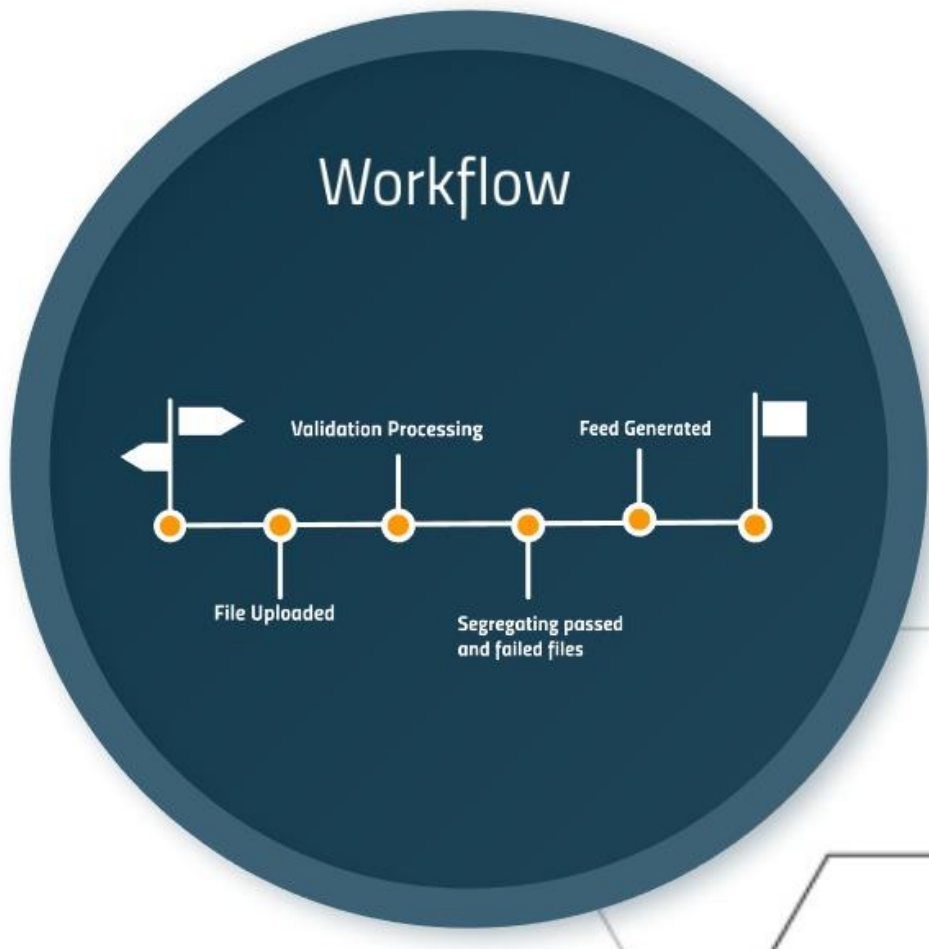
What is clearing



Functional Requirements:

1. User Uploads the input transaction file
2. In this uploaded file we have fields like Transaction Reference, validate date, Payer name, Payer account, payer name, payee account and amount.
3. Validations such as naming convention, record length, number of fields within the record, if all the fields within the record are filled, date format etc. Are performed on this file.
4. Once the validation is done, the successful entries which passed the validations will be downloaded in file format, through correct ID. The failed transaction entries will be displayed on the table format on the screen.

Work Flow:



Technologies Used:

1. For the Backend we used Spring-tool-Suite, Java and Maven.
2. For the Frontend, we used Angular, CSS, HTML, Bootstrap.

Assumptions:

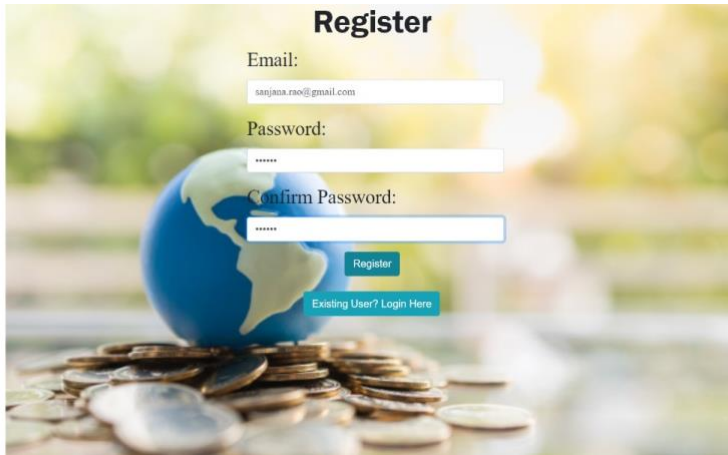
1. A single user is uploading a single file.

Future Scope:

1. The system can be further extended using SQL or MongoDB database.
2. System upgrade for Single user – Multiple Input and Multiple user – Multiple Input can also be implemented.

Screenshots of working flow of program:

1. Register Page:

A screenshot of a web registration form titled "Register". The form is overlaid on a background image of a small globe resting on a pile of coins. The form fields include "Email:" with the value "sajana.rao@gmail.com", "Password:" with masked characters, and "Confirm Password:" with masked characters. There are two buttons: a green "Register" button and a blue "Existing User? Login Here" button.

Register

Email:

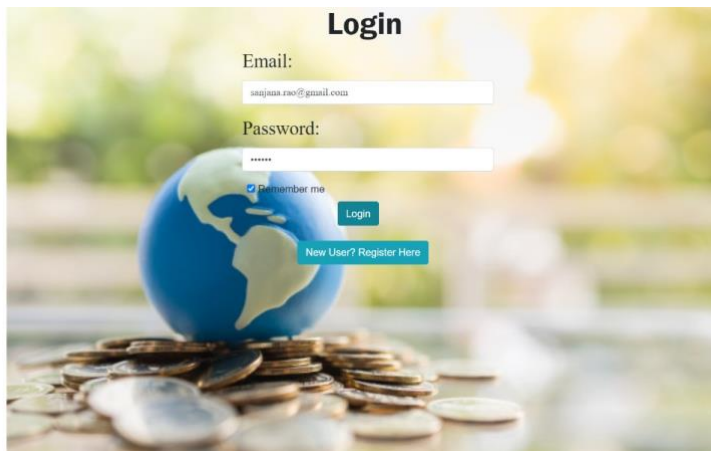
Password:

Confirm Password:

[Register](#)

[Existing User? Login Here](#)

2. Login:

A screenshot of a web login form titled "Login". The form is overlaid on the same background image of a globe on coins as the register page. The form fields include "Email:" with the value "sajana.rao@gmail.com" and "Password:" with masked characters. There is a checkbox labeled "Remember me" which is checked. There are two buttons: a green "Login" button and a blue "New User? Register Here" button.

Login

Email:

Password:

☒ Remember me

[Login](#)

[New User? Register Here](#)

3. Upload File:

Upload File

Choose File

No file chosen

upload

Next

4. File Selection:

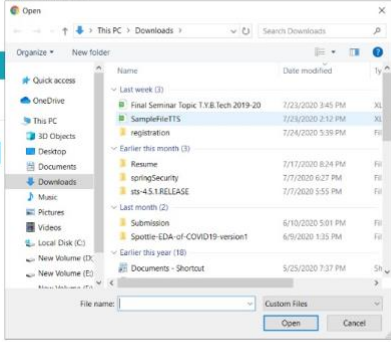
Upload File

Choose File

No file chosen

upload

Next



5. Upload Successful:

Upload File

Choose File

SamplefileTTS.xlsx

upload

File uploaded successfully

Next

6. Correct transaction-file Download and Failed transaction-table Display:

Download clear feed file

Final_Report1202007281057.xlsx

Wrong transaction Record ID
123456789014
12345678901
156456789017
123456225519
123456225519
123456789020

