GROUP-20

SANCTION SCREENING ON PAYMENT TRANSACTION

Functionalities/features and their implementation:

Back-end:-

1. Tokenization of parameters: From transaction files, all parameters are separated.

2. Field Validation: Fields/parameters of transaction file are checked on basis of certain constraints.

Field Name	Field length	Validation
Transaction Reference ID	12	Unique alpha-numeric string
Value Date	8	Format : DD/MM/YYYY
Payer Name	35	Alpha-numeric string
Payer Account	12	Alpha-numeric string
Payee Name	35	Alpha-numeric string
Payee Account	12	Alpha-numeric string
Account	10,2	10 digits and 2 decimal points

3. Unit Testing: A test assertion is defined as an expression, which encapsulates some testable logic specified about a target under test.

4. Sanction Screening: Payer's name is checked in sanction list.If name matches then transaction fail otherwise pass.

5. Uploading file with only .txt extension: Will upload files only with .txt extension.

Front-end:-

1. **Connectivity:** Connection with the back-end with the help of servlet.

2. **Validation of file upload:** While choosing file, will display files only with .txt extension.