Documentation for Excel Input Micro-service.

WORKFLOW DIAGRAM: -

SERVER

CLIENT

Request

Response

EXPLANATION OF PROCESS: -

Process 1: For Post the value from excel to database, we can use the API named {“/postUser”} with request body of Filepath and Sheet.

Process 2: The request body is passed into readinput service class by using readinput controller.

Process 3: In the Service class first located to file via path & sheet and find out the mimetype of the file check whether file is excel or not.

Process 4: Once the File getting valid using java code read the excel with the help of Apache POI.

Process 5: Check whether the file is empty or not.

Process 6: Check the file having a proper title at proper cell.

Process 7: Check whether the user already exist in our table. once everything is ready using get the Password from file and hash it with salt key and algorithm (SHA3-256).

Process 8: Finally, Stored it into our database and send response to client.