**HIGH LEVEL DOCUMENTATION**

**CRUD REPORT**

BHAVYA JS

REQUIREMENTS:

To capture the crud operations in servlet file.

CODE EXPLANATION:

The python code captures all the functions in DAO files and stores them in separate dictionary. This makes us to read the files only once. Then the Json is created which contains ‘component name’, component type’, ‘function name’ that holds the name of the function ,’SQL’ that holds the sql statement in the file, ‘CRUD’ which contains the type of operation ,i.e. If sql contains select then the crud will have READ as crud operation and ‘table name’. These are stored in ‘metadata’. Then the python code iterates the other servlet files and finds the component name and function name. If they are found in the files then it creates a collection with ‘component name’, ‘component type’, ‘sql’,’crud’ and ‘table name’ and stores the required data.

FLOW CHART:

