

## Current file:

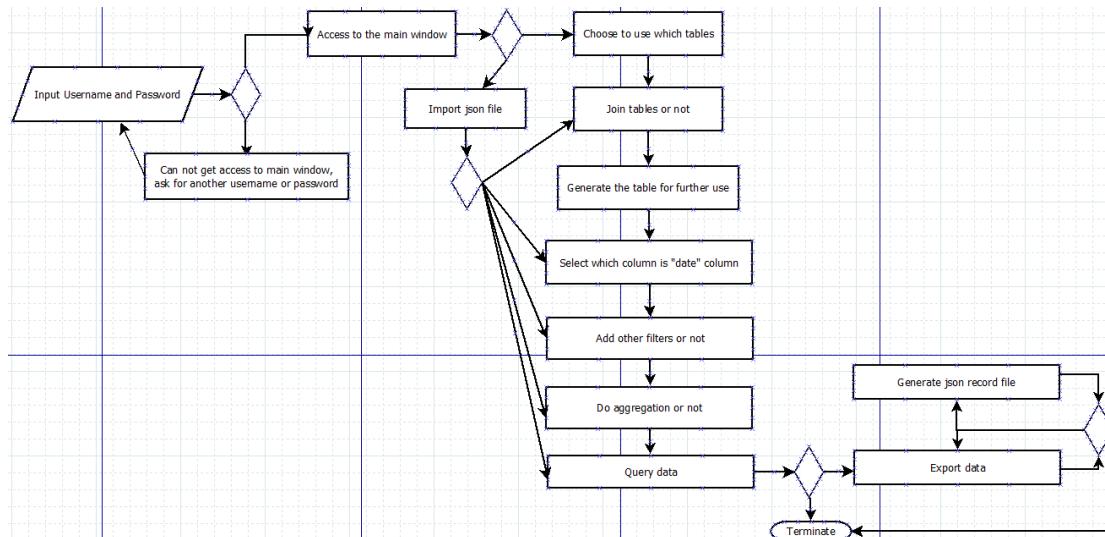
Initial.py: Generate the initial UI

Interface: The raw file which contains the design of UI

Data\_query: Contains several functions to query data from database

Login.py

## Diagram:



## Login Page:

Username:	<input type="text" value="MSBA2020"/>
Password:	<input type="password" value="*****"/>
<input type="button" value="Login"/>	

## Main Window:

Choose schema and table

Schema: <input type="text" value="[Schema]"/>	Time column: <input type="text" value="[Time column]"/>
Table: <input type="text" value="[Table 1]"/> <input type="text" value="[Table 2]"/> <input type="text" value="[Table 3]"/>	Period From: <input type="text" value="[Start_time]"/> Period To: <input type="text" value="[End_time]"/>
Primary Key: <input type="text" value="[Table 1]"/> <input type="text" value="[Column]"/>	Other filters (1) ... <input type="text" value="&gt;"/> (2) ... <input type="text" value="&lt;"/> (3) ... <input "="" type="text" value="="/>
Foreign Key: <input type="text" value="[Table 2]"/> <input type="text" value="[Column]"/> <input type="text" value="[Table 3]"/> <input type="text" value="[Column]"/>	Group By: <input type="text" value="+"/> <input type="text" value="-"/> Aggregation: <input type="text" value="+"/> <input type="text" value="-"/> (1) Column 1 (2) Column 2 (3) Column 3 [column] → [function]
Generate table	Query
Export	

Join table

>
<
[column] = [value]
>=
<=
!=