

# Internal Meeting 2

Date	14/05/18
Time	8 pm – 9:30 pm
Venue	SMU SIS
Attendees	<ol style="list-style-type: none"> <li>1. Chester</li> <li>2. David</li> <li>3. Hong Yang</li> <li>4. Jeryl</li> <li>5. Larry</li> <li>6. Solomon</li> </ol>
Agenda	<ol style="list-style-type: none"> <li>1. Sample data</li> <li>2. Functions</li> <li>3. Technologies</li> <li>4. Testing</li> <li>5. Review of proposal</li> </ol>

## Agenda

Item	Description
1	<p><b>Data</b></p> <ul style="list-style-type: none"> <li>• Section out which data is needed</li> <li>• 3NF normalization for data</li> <li>• Make all data into pandas.DataFrame</li> </ul>
2	<p><b>Functions</b></p> <ul style="list-style-type: none"> <li>• Customer profiling and store profiling <ul style="list-style-type: none"> <li>○ Review of raw data provided by customer</li> <li>○ Decide on the type of customer profiles that we want</li> <li>○ K-means clustering</li> <li>○ Weightage on certain factors (give a number to each customer) <ul style="list-style-type: none"> <li>▪ Multiple factors to determine customer profiles with different weightages/scores to each factor</li> </ul> </li> <li>○ Come out with a list of questions to ask</li> <li>○ Low level clustering (race, gender, age, time, location of store)</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>○ Type of furniture, quantity, price range, maximum price capacity</li> <li>○ This information will be used during weekly manager dissemination of information to employees so that the employees will know how to react when a certain type of customers come in</li> </ul>
3	<p><b><u>Technologies</u></b></p> <ul style="list-style-type: none"> <li>● Front-end (flask)</li> <li>● Pie chump (IDA)</li> <li>● Python (language)</li> <li>● Database (Google app engine)</li> </ul>
4	<p><b><u>Testing</u></b></p> <ul style="list-style-type: none"> <li>● Do automated testing <ul style="list-style-type: none"> <li>○ Unit</li> <li>○ Integration</li> <li>○ Non-regression</li> <li>○ Acceptance</li> <li>○ Pre-flight</li> </ul> </li> </ul>
5	<p><b><u>Proposal</u></b></p> <ul style="list-style-type: none"> <li>● Discussion and revision of scope of modules provided</li> </ul>

The meeting was adjourned at 9:30 pm. These minutes will be circulated and adopted if there are no amendments reported in the next three days.

Prepared by,  
Jeryl

Vetted and edited by,  
Solomon