Appendix 1: **Program assessment rubrics**

Lab Time Slot: WED, 1130 - 1330hrs

Team ID: 04

Names of members/Contribution percentage: Khoo Wei Hao / 33.3%

Lee Jie Si (Jane) / 33.3%

Gregory Yeo Chong Hun/ 33.3%

Include this page in your softcopy submission. You are required to fill in the first 4 entries in the table, indicating how you have made use of these CT concepts in your software design.

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| --- | --- | --- | --- |
| **Assessment Criteria** | | **Description/Comment** | **Marks** |
| 1 | Use of Pattern Recognition (10) | We used the for loop (for i in range()) to calculate distance or while loop under food price to identify the canteens with similar food price range and group them together. |  |
| 2 | Use of Abstraction (10) | Use CSV file and DataFrame to show our datatype and extract the necessary data.  Functions we defined that would give us the value. E.g. def distance for calculation between canteen and current location |  |
| 3 | Use of decomposition (10) | Divide and conquer, Recursion – IF and ELSE, we called the define function which would output a value to solve the sub-problem which is to find the final result. For example, the problem of finding the seating capacity of each canteen would require first the know data of each canteen. Next, the sorting of seating according to the required input. Lastly, print out the result. |  |
| 4 | Algorithm Design (20) | We used the sort function to sort the value which would arrange the data in ascending order, (df.sort\_value / sorted). For example, the distance from nearest to furthest to locate the nearest distance from the chosen location. |  |
| Below is filled by lecturers | |  |  |
| 5 | User Interface Design (10) |  |  |
| 6 | System Complexity (10) |  |  |
| 7 | Teamwork & Presentation (10) |  |  |
| 8 | Individual Oral Assessment (20) |  |  |
| Others (Optional) | | | |

Date of Assessment:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ By:\_\_\_\_\_\_\_\_\_\_\_\_\_\_