| **Group Project** | **WOA 7001: ADVANCED ALGORITHM**  **GROUP CONTRACT** |
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Group Leader : Dillon Leong Lon Zan

Initial Propose Project Name : Interactive Visualization Interface of the spread of Covid 19

| **Contract Item:** As a Team we agree to | |
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| * Participation | - Dillon Leong Lon Zan  - Chong Kai Yang  - Hongfei Ren  - Tang Xue Jun |
| * Communication | Done through whatapps and ms team for meeting online discussion |
| * Meetings | Two meetings were held between Tuesday (10am-11am) & Wednesday (1pm-1:25pm). |
| * Conduct | The contents for the data visualization were discussed, these includes:   * The relevancy of the cases per day towards the datasets given for Ideate. * Choosing the methods of data visualization. * Choosing the program for the data visualization. * Information for referencing regarding the survey results.   The distribution of the tasks and the collaboration between the designer and the code developers:   * Informing the code developers (Hongfei Ren & Tang Xue Jun) regarding the idea & proposal of the designer (Chong Kai Yang).   The planning for our work for the upcoming weeks for this project:   * Completing the data visualization part. * Reflecting on our plan for the upcomings week for the designer and the code developers. |
| * Deadlines | During sunday, our team must finish to present:   * the idea proposal of our data visualization * a representation of our ideal proposal of our data visualization |
| * Conflict | The credibility of the datasets used for idealate part were found to be incomplete for having a complete analyzation:   * Cold deck imputation methods were used to identify the check-ins datasets proportionally from the infected cases per day of the states. * The datasets used were carried on for the data visualization to see the correlations between infected cases of the states per day and other variables. |

| **Clause**  In any violation of the above, we agree | * None. |
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Please ensure that the items in the clause is effective and feasible.

| No | Matric No | Name | Team Role | Signature |
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| 1 | S2128427 | Dillon Leong Lon Zan | Leader |  |
| 2 | S2117741 | Kai Yang Chong | Designer | Chong Kai Yang |
| 3 | S2127527 | Hongfei Ren | Main Code Developer | Hongfei Ren |
| 4 | S2127362 | Xue Jun Tang | Assistant Code Developer | Tang Xue Jun |
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(Assessor: Dr. Raja Jamilah Raja Yusof Date Received: )