

## Evaluation of the Product

| Success Criteria                          | Was it met | Comments  |
|---|------------|---|
| Add button                                | Yes        | Worked consistently well all the time. It was able to find gaps and place the student in the first free seat it could find.   |
| Display a sorted list of embarkment times | Yes        | A very simple button which displayed the times sorted and with backup on the sorted times' sheet  |
| A risk-rating system                      | Yes        | The risk rating is very easy to use and well-formulated, taking into account ventilation, use of masks, and social distancing questions.  |
| Data validated input box                  | Yes        | The boxes made me enter information so that it matched the information required from it.  |
| Displaying Dialogs                        | Yes        | After each click of the buttons, the notification gave quick feedback of what data has been changed and where to find it.   |
| Calculate the distance                    | Yes        | Done efficiently and very quickly which helps me save time with this contact tracing process.   |
| Calculate and sort "risk score"           | Yes        | Risk scores were calculated efficiently and quickly and set into the corresponding cells. The sorting was quick and sorted the corresponding names as well, setting up the email to be clear. |
| Email Report                              | Yes        | Worked all the time. Like I said in the face-to-face discussions, I wish it was enabled to send multiple emails. But for now, it worked   |

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|--|-----|---|
|  |     | well.   |
| A name validator                             | Yes | This worked very well. I had a chance to try it but putting a number instead of the last name, and highlighted the errors consistently, which allowed me to correct them. |
| Buttons for all the functions on the website | Yes | But I found that I could only run one function at a time. In some instances, I might want to run two or even more scenarios at the same time, instead of one by one.      |

### Recommendations for further development

I believe that the one thing which should have been included was “more than one email input box in order to send the email to multiple people at once” according to xx (Appendix, page 3). Also, being able to run functions simultaneously is another thing that could have helped with time management. In the future, accounting for changes in the morning and afternoon bus would further increase the accuracy of the contact tracing as this current template only accounts for a set group of students. Another thing that could have improved the accuracy of data is for the name validation, the validation should have occurred as the data is entered into the cell. Lastly, “the XY bus layout should’ve been displayed on the website” (Appendix, page 3) for direct access when inputting the coordinates instead of switching between tabs and scrolling through many sheets, slowing down the interaction with the website. Within a broader scope of the product, as it is passed onto tech, the inclusion of the secondary campus would allow for a holistic contact tracing process for the entire school and could gather insight on potential infected students as family members may learn in different campuses.

Word Count: **198**