

## Project specification:

When building apps, it is important to keep the end-user's goals and needs in mind. Simplicity, user-friendliness, and utility are key components of useful applications. Harmonising a customer's needs and product functionality is vital to making useful and powerful applications and is an important skill in the industry.

You will be required to do the following:

- Craft and describe the target persona for your app (approx. 10 – 50 words) – this could be yourself or a made-up person. Describe how your app will target / aid this particular persona (approx. 100 – 200 words). Good descriptions will include the following:
  - Details about the persona – age, gender, occupation etc. (consider the relevancy of each – they may not all be relevant)
  - The persona's current situation/problem. Consider what their journey or tasks looks like without the app.
  - Detail your app will satisfy the need/aid the persona, by making references to the specific features and functionalities you've included.
  - Description uploaded to your GitHub.

This app is designed to help users make reservations for room and tables during this Corona outspread to reduce the tedious process of physically make reservations. This app also inspired by the safety precaution to remain 1.5 meter away from each other to reduce the outspread of the virus during this pandemic. The app can be developed and provided by public libraries, computer laboratories, office's meeting room and etcetera. The target audiences for this app is mainly the users of those room, meeting attendees, and students. This booking process using this app is hassle-free and convenient because the reservation can be made digitally using smartphones, tablets, and laptops, wherever you are, whenever you are. Without this app, the targeted users might have to physically make bookings and reservations which can be very time consuming and energy draining, because the booking might require approval from authorities. The app includes the date, day and room functionality to ease the booking process. If the room have been booked, the app will notify the users that there is no vacancy in the desired rooms. Hence, the user can make amendments whether he will change to another room or book the room for other days.

- Explore the extensibility of the app (100 – 150 words). Outline how the app can be expanded to other audiences, markets or scaled. Consider how the app can be modified in the future and built upon to make it more useful.
  - Create a functioning app on Power Apps and upload it to your GitHub as a zip file.
  - The app should satisfy the requirements or help the persona you've devised.
  - App includes **at least one API or connection to a data source** (static or dynamic).
  - App should have multiple screens and must be interactive. That is to say, the app cannot be used to simply display information, but must be responsive, too.
  - You **will not be able to use already generated templates** and should build your app from scratch. You can use these as inspiration for your app.

This app is equipped with the selection desk and functionality which allows the user to choose their own desk and date preferences. This app can be further developed to be used and normalised in the office or formal settings to allows efficient work environment that is based on technology and digitalization. This app can be used for other food premises to allow earlier booking table in the food premises. The number of desks can be reduced by the food premises owner due to Corona concern. This can still help the owner to gain profit despite the challenges.