Mobile App Testing Report:

Main Features of the application (Tested) :

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| Test | Procedure | Outcome |
| Create user account | Run the application. Click the login button at the bottom of the screen. Type your email and password. | Your information will now be stored in the database and you can proceed with using the app. |
| Book a service | Click the “Book Now” button in the main screen. You will be taken to a service selection screen where you can pick your desired service. | By choosing a service, your preference will be saved in the database and you will be sent to the date selection page. |
| Pick your date | After picking your service you can interact with a calendar widget to pick your desired date. | Your date will be saved. |
| Pick your time | After picking your date you can interact with a clock widget to pick your desired time. | Your time will be saved. |
| Payment screen | After confirming the time of your booking, you are taken to a payment screen where you can type your card information and make the payment online. | The booking is set and the payment is made online. |

Testing Stages:

For this part of the project, I got user feedback from my friends Mark and Milton, who told me what they thought could be improved and/or changed in my application.

1st Stage / 1st March : From the feedback I understood that service choice was limited with only 2 services on display, and that users might not want to wait in line to pay after the service is provided, as the place might be crowded and take a long time.

To address these concerns, a few more services were added to the list to provide more options for customers and an online payment page was added, to lower queue times inside the shop.

2nd Stage / 15th March : After most of the features were implemented, the test users pointed out that they had too much information thrown at them at the same time. There were too many buttons to click and too much text to read, and for all of this to fit it had to be quite small, which made it harder to see. To fix this, the information was spread out through many activities, buttons were made bigger and to contain simple catch words that anyone can understand. This made the app more user-friendly and accessible.

Notes:

Although part of the code relating to this was implemented, due to some trouble working with firebase (data storage software), the connection between android studio and the database was made but data could not be stored or read from it.

Future remarks/ideas:

In the future, the database should be updated to store all the data including the date and time of the booking and link them to their relative customer through their account information (email). A sign in with google option should also be implemented in the login screen and a new page should be created, accessible to employees only, that displays bookings made for the day, including date, time, service type and a customer reference. A better time management plan should also be put in place, because a lot of the features were left incomplete.