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**Mobile App
(Contact Diary)**

Think of an Android Application you want to develop.

> We're thinking of making a diary or a journal app, basically for everyone to use. But it's not simply an ordinary diary/journal app, it is related on the COVID-19
> Pandemic, especially on the notion of contact tracing.

Should be feasible to be developed until the end of term

> We actually thought of this idea when we were brainstorming proposals for our Thesis Writing, unfortunately we didn't choose this. But for this subject, we certainly would like to develop this app as it correlates with the ongoing pandemic.

The application must have a need for the use of a Database (whether online or in-device)

> We suppose it is an In-device database for the application.

Application Name

> DFECT: Digital Logbook for Easier Contact Tracing

Description of the application (think of the description you see in Google Play). 8-10 sentences

> The COVID-19 Pandemic is not immediately gonna end or disappear anytime from now. The impact of the pandemic may last for at least 2 years. This app will ease the process of Contact tracing as well as the provision of personal information when entering a public facility or business establishment. To prevent more people from being infected by the virus, public health staffs proposed the notion of Contact Tracing. This application aims to record your personal information for faster and easier contact tracing with QR Code Generator which contains the name, address and phone number of the user. It also has a scanner feature mainly for hassle situations. This app is focused on providing faster services for ongoing pandemic. It is available for low-high specs smart phones since the app is just like a normal notepad on phones. It doesn't need internet connection and minimal advertisements if online.

3 or 4 Unique Features of the Application, explain each item in 3-5 sentences. (The number of unique features depends on the number of members in your group)

1. **Logbook Feature:** This feature automatically list the Time and Location Log-ins (Location/GPS must be ON). If a person using the app is tested positive from the virus, they will check his/her logs from where has he/she been and when. [Refer to images 3 and 4 below]

2. **QR Generator Feature:** Don't you find how it bothersome when you still have to write your name, address, phone number etc. Every time you enter a mall, restaurant grocery, retail stores or any shopping centre. The app provides a QR Code that when scanned will instantly show you're personal information. Just show this to any entrance personnel and let them scan the QR code on your phone.

   a) QR Code Generated containing the ff:
      i. Name
      ii. Address
      iii. Phone Number
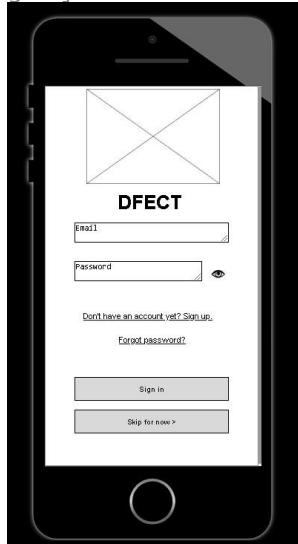
iv. Current
    Time

3.   **QR Scanner Feature:** Made specifically in connection to the QR Generator Feature. This can be used by business establishments, specifically security guards since most of them are incharge of the entrances. You can also use this at your home when you have visitors as long as they have the app installed.
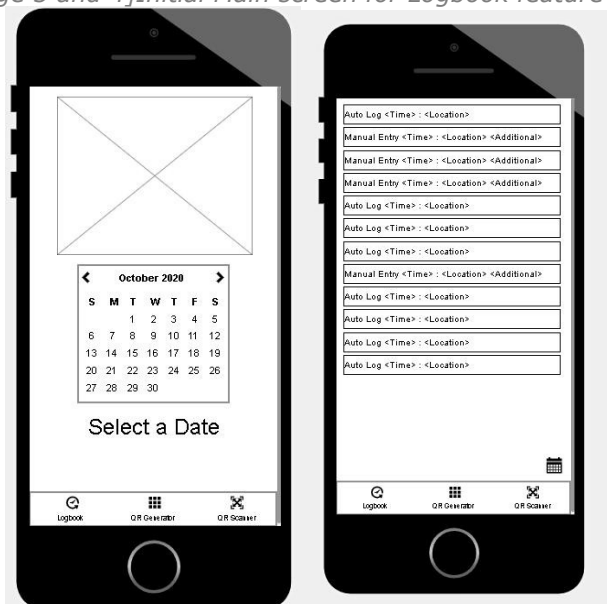
Submit any of these:

[Image 1]Initial Logo

[Image 2]Initial Home screen/Log-in or Sign up

[Image 3 and 4]Initial Main screen for Logbook feature

[Image 5] Initial Main screen for QR Generator feature

[Image 6 and 7] Initial Main screen for QR Scanner feature

Video Walk through: https://www.youtube.com/watch?v=bxWx_EE21wI&ab_channel=MobileAppDev