**How to access the project:**

* To access the project Unity version 2022.1.19f1 is required.
  + Once the project is open in Unity open Build Settings and switch platform from Windows to Android.
  + Change aspect ratio to 18:9 Portrait.
* To access the final build of the project, go to folder Dissertation and open FinalBuild folder.
* To access builds throughout the project, go to folder Dissertation and open Builds.
* The build of the app runs on android; however, it should be noted that the in-game shop has a visual bug where the shop templates do not load into the game. However, it does not affect the behaviour of the app (in-game shop works on Unity editor as intended).
* To open the build, you can choose one of the following instructions:

1. To run an .apk file on an Android device, you need to follow these steps:

1. First, you need to download the .apk file that you want to install. You can download it from various sources such as Google Play Store, third-party app stores, or directly from a website.

2. Once the .apk file is downloaded, locate it in your phone's file manager. It is usually located in the "Downloads" folder.

3. Tap on the .apk file to start the installation process. You may see a warning message that says "Install blocked" because Android doesn't allow installing apps from unknown sources by default. If you see this message, go to step 4; otherwise, skip to step 5.

4. To allow installing apps from unknown sources, go to your phone's "Settings" > "Security" (or "Privacy" depending on your phone) and enable the "Unknown sources" option.

5. Tap on the .apk file again to start the installation process. You may see a prompt that asks for permission to access certain features of your phone. Tap "Install" to proceed with the installation.

6. Wait for the installation to complete. Once it's done, you can find the app on your phone's app drawer or home screen.

Note that installing apps from unknown sources can be risky as they may contain malicious code. Make sure to only download .apk files from trusted sources and enable "Unknown sources" option temporarily just for the installation process, and disable it immediately after installing the app.

2. Bluestacks

1. Download and install bluestacks

2. Follow the link below to create an Android 11 instance with balanced performance + portrait mode

https://support.bluestacks.com/hc/articles/10527056157965?locale=en-us

3. Open .apk (edited)