**System Requirements**

We have decided to create an Android Application. These are the requirements to be able to run the Application and website.

|  |  |
| --- | --- |
| Requirement | Description |
| Android Device | A Mobile phone or tablet that runs the Android operating system is required to run the Android application. The device will also need to have a working camera to use the full functionality of the application |
| Android 8.1 + (API 27) | In order to run the application on a device the device must be running at least Android 8.1. |
| Internet Connection | The device must have an internet connection either through WIFI or a cellular data connection in order to retrieve or upload data to the database. |
| Firebase API | The user authentication and registration are handled by the Google Firebase API. |
| Places API | The Google Place API is used to retrieve an address from a postcode using an autocomplete function. This requires a private key. |
| Firestore API | I have used the Firestore API to enable a NoSQL database for the application used to store customer and property details. |
| Play Store | We did want to upload the application to the Android Play Store, but it required a £25 developer registration fee that we could not afford. |
| Usage | In order to run the app on a device it must be installed to the device from the Android Studio ide |
| Storage | The device will need 57MB’s of storage to install the application. |