

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.