**ActiveHouseV2**

**ActiveHouseV2: Requirements and Tools**

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Hardware/Software Tools:

* Android Studio 2.2.3
* Amazon’s Firebase (Database)
* GitHub Repository
* Physical Android Device for Testing
* Virtual Machine for Server
* Laptop to act as a Virtual Server
* Java Developer Kit

Project Requirements:

* Pleasant Graphical User Interface
* Dynamically Update when Model is Changed
* No crashes on the application
* Landscape/Tablet capability
* Minimum 5 images & 10 Java classes
* Store local data & offline use
* English and French capability
* Support multiple native resolutions
* Pass multiple testing processes w/ JUnit

User Requirements:

* Android device with Lollipop (API 21)

Lollipop or above as their android OS