Smart home

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| Identify the purpose of each smart device that’s been outlined in the diagram to your left. The first one has been done for you.   |  |  | | --- | --- | | **Device** | **Purpose** | | Smart door lock | Use of biometric locks which can provide access to homes without the use of a key. This could be fingerprint or eye/retina recognition. | | Security system | Surveillance systems can be used to predict break-ins and thefts before they occur. | | Smart air conditioning | Detect room/house temperature and set a condition whereby if the temperature reaches a certain temperature, the air conditioning is then activated. | | Lighting control system | Lights can be set to come on at certain times of the day (i.e. when it gets dark) Use of virtual assistants to turn lights on and off. | | Energy management | Smart meter which records how much gas and electricity is being used and provide you with a live and up-to-date cost of your bill. | | Appliance management | You can use virtual assistants and set up voice commands for when you want to use certain appliances such as a kettle, washing machine, dishwasher etc.. | | Smart thermostat | To regulate temperature in the house and can be modified if the house becomes too warm or too hot. Hive app is a good example of this. | | Smart bathroom appliance | LED lights glowing red to guide you rather than being forced to rely on a dial to get the temperature just right. | | Garage door opener | Add a smart garage controller which can then be controlled by an app. The user can then open and close the garage door. |   Answers may vary because there are so many ways of development a smart home. |