[](https://www.knowitallninja.com/)Further User Interfaces

# Task 1

(a) Match each of the interfaces below with the benefit that relates to it.

**Menu/Form**

**Sensor**

Can constantly monitor changes in an environment.

**Graphic User**

Intuitive interface that is easy for beginners.

Easily adaptable to individual needs.

(b) Graphic user, menu/form and sensor-based interfaces also have some very different uses. Complete the table below identifying the types of devices and uses that would use these types of interfaces.

|  |  |  |
| --- | --- | --- |
|  | Types of Devices | Common Uses |
| **Graphic User** | Desktop/Laptop PC’s  Mobile devices  Entertainment systems | Navigating the user interface on a standard personal computer. |
| **Sensor** | Domestic appliances  Embedded systems | Smart home central heating systems. |
| **Menu/Form** | Touch screen devices (e.g.tablet/smartphone).  Entertainment & embedded systems. | Self-service kiosks, like an ATM or self-service till.  Game console/smart TV settings interface. |

# Task 2

A doctor’s surgery is creating a new computerised system for its patients. Patients can book an appointment in the surgery using the system but can also check-in when they arrive so the doctor knows their patient is waiting for them.

What type of interface would you advise and why? Consider what factors would be most important in this scenario.

I would advise the doctor’s surgery to use a menu-based interface. For the tasks being performed there won’t be any

complex functions needed to be performed and speed will not be such a priority. However, there will be many

elderly people who might not be experienced with computers, and people with disabilities who have accessibility

needs. Menu-based interfaces are the most easy-to-use and are very easy to adapt to individual’s needs.