

HCI Report

Task 1

The users of my interface will be the professional nurses and doctors who are working in the ward and my interface has been design to reflect that. The activities which are being carried out are mainly the monitoring of information about each patient individually. The basic information has been displayed at the top of the screen and the name is highlighted. This is so the user can easily identify which patient they are monitoring as this is usually the first thing they will want to see.

The real time data about the patients health is then displayed in the next section and has been designed in a way that allows sudden changes in values and salient information to be presented to the user. To do this I have used a different coloured bars for each attribute as well as the explicit value. Using coloured bars here means changes in the data can be monitored easily across a short time period.

Interaction with this interface involves switching between different patient in the ward. The buttons to change the patient have be located near the bottom of the screen. Since this is a tablet application this means the user can access these buttons with the minimum required movement for their fingers. Arrow icons have been used to give a visual metaphor to the user that they are moving between patients in the direction indicated by the arrow.

Interface metaphors exploit user's familiar knowledge, helping them to understand 'the unfamiliar'. To conceptualise what activities that the nurse or doctor would be using this for in a ward, the interface has been designed so that it resembles a clipboard

