

Schematics of Hardware

Project Next Wave

February 1, 2014

Brief description on components used

Our first prototype for the reporting panel is controlled by a microcontroller **Raspberry Pi** which needs a separate power source for its processing. For the display of our panel we have used an LCD monitor which has its input from the micro-controller. The only input mechanism for the user is through **push buttons** attached on the side of the monitor which lets the user select an option. The audio layer has been incorporated through a set of **speakers** which are again connected to the raspberry pi. So a list of components that have been used are-

- Raspberry pi (micro controller)
- LCD monitor
- Push Buttons
- Speakers

