PC Remote Design Doc

Suman Barick

# High Level Description

PCR or PC Remote will have 2 main components – The **“Web Controller (WC)”** in mobile device/browser and The **“Target Station (TS)”** in pc which is to be controlled. WC and TS will be connected via node socket.io connection. WC will feature a keyboard and mouse in the UI. Events will be sent to TS. TS will have a keyboard/mouse automation system via which it will trigger the same mouse and keyboard events on the target system.

# UI Design

The mobile WC client will feature a landscape view. There will be a short button bar at the top. It will have following button

1. A mouse icon, which will give a mouse-pad
2. A keyboard icon, which will show a keyboard. We need to give user a way to combine multiple keypress, like ctrl + c, shift + ctrl + k etc
3. A joystick icon, which will show a configurable joystick / game controller
4. A favourite icon, where user can create shortcut combined keys and also create groups for them