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| Revision | Description | Revised By | Date |
| A | Unconditional Release | Khashi | 01/19/2012 |
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| **PR-001** | The eyeCU shall be modular in design. | **PS-001** | The eyeCU shall be built such that components can be exchanged with minimal effort. |
| **PR-002** | The eyeCU shall be wearable. | **PS-002** | The eyeCU shall be worn on the head with the infrared sensitive camera aimed at the human eye |
| **PR-003** | The eyeCU shall capture an image of the human eye. | **PS-003** | The image of the human eye shall be captured on a camera module. |
| **PS-004** | The captured image of the human eye shall be sent to an embedded circuit design. The embedded circuit design shall store the captured image and convert the image into data. |
| **PR-004** | The eyeCU shall process a captured image of the human eye. | **PS-005** | The embedded circuit design shall be connected to a pre-process circuitry and create a matrix out of the data stored in the embedded circuit design. |
| **PS-006** | The pre-process circuitry shall be connected a microcontroller that will process the image matrix. |
| **PR-005** | The eyeCU shall output a control signal to the computer. | **PS-007** | The microcontroller will send an output control signal to the connected computer and move the mouse cursor. |
| **PR-006** | The eyeCU shall self-calibrate when turned on | **PS-008** | During calibration the eyeCU shall detect if the camera is ready, if the camera is ready then get image off camera. If the camera is not ready then calibration will self-loop until camera is ready. |
| **PR-007** | The power supply of the eyeCU shall output multiple voltages on separate rails. |  |  |
| **PR-008** |  |  |  |
| **PR-009** |  |  |  |
| **PR-010** |  |  |  |
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