**PROJECT DEVELOPMENT AGREEMENT**

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| **NAME OF THE PROJECT** | ELECTROENCE PHALOGRAPHY |
| **OWNER NAME** | Saurav Kumar |
| **OWNER CONTACT** | 8860394267 |
| **WHATSAPP CONTACT** | 9975612467 |
| **PROJECT ID** | ELRMD059048 |
| **LOCATION** | Delhi |
| **LAST DATE** | 09/02/2017 |
| **BID WITH OUR COMPONENTS** | 1500 |
| **BID WITH YOUR OWN COMPONENTS** | 9000 |

**DESCRIPTION –**

Electroencephalography (EEG) is an electrophysiological monitoring method to record electrical activity of the brain. It is typically noninvasive, with the electrodes placed along the scalp, although invasive electrodes are sometimes used in specific applications. EEG measures voltage fluctuations resulting from ionic current within the neurons of the brain. In clinical contexts, EEG refers to the recording of the brain spontaneous electrical activity over a period of time, as recorded from multiple electrodes placed on the scalp. Diagnostic applications generally focus on the spectral content of EEG, that is, the type of neural oscillations or brainwaves that can be observed in EEG signals.

**HARDWARE MATERIAL – Filter Modules, Instrumentation Amplifiers, Operational Amplifier, Dry Electrodes, Connecting Wires, Capacitors, Resistors, 3.3V Power Supply**

**SOFTWARE MATERIAL – Processing, Brainwaves Visualizer**

**CIRCUIT DIAGRAM –**

**FLOW DIAGRAM -**