**Group 2: Job description Sheet**

**Team Member:** Harshad Lele, Sumant Tapas, Shambhavi Tayshete

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| **Name** | **Responsibilities** |
| Sumant Tapas | 1. Designed and coded the android app. 2. Made the android app recognize disconnection with the server and notify the user. 3. Designed and coded the logic to store video on the ftp server and stream video in app. 4. Tested the android app to work seamlessly with the backend server 5. Wrote the client side code for the Raspberry pi to listen for packets from the Xampp Apache server. |
| Harshad Lele | 1. Wrote the server side code for the Raspberry pi. 2. Implemented dynamic IP detection functionality in the system to detect more than one Raspberry pi in the network using nmap. 3. Wrote server side multithreaded java code for Thermostat, Door and Garage sensor. 4. Wrote .php setter and getter files for above sensor in order to write/extract data from dB. 5. Installed and designed xampp dB on the server side. |
| Shambhavi Tayshete | 1. Wrote the server side code for the Raspberry pi. 2. Wrote the server side multithreaded java code for sensors of Light, Motion, Lock and Security. 3. Wrote and implemented the server side code for calculation of Energy Consumption of the thermostats and lights. 4. Wrote .php setter and getter files for above sensor in order to write/extract data from dB. 5. Designed the dB structure for storing the data for the sensors on the server side. |