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| **Author(s) Name:** | Asaduzzaman Noor; Mahir Shahriar Ratul; Asif Ishrak Ahmed; Hasibul Hassain; Abir Ahmed | | |
| **Contact Email(s):** | Abir.ahmed@aiub.edu | | |
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| **Abstract:** |  |
| M2M refers to the use of sensors and intelligence to connect physical assets such as physical assets or consumer devices to the Internet and these things in turn will connect to the Internet through the Internet of Things (IoT) communications. Since the vision and model have existed, the number and types of connected things have grown, along with technologies for capturing, processing, and sharing data. This m2m technology was founded on mesh technology, and the communication protocol is MQTT (Message Queuing Telemetry Transport. It is a lightweight messaging protocol developed for constrained devices and networks with high latency, low capacity, or unstable networks. In this paper, it will be constructed with two solar-powered charging stations. There are twoseparate batteries for two charging stations. One is Main charging station and another is supportive charging station. If the voltage of one battery drops, another station will share the voltage from the battery it has. For whatever reason that fails, the battery will be charged from the national grid and supplied to the load. All the data, notification & information will be stored in a local server. | |