**Project Design Phase-I**

**Proposed Solution Template**

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| Date | May\5\2023 |
| Team ID | NM2023TMID13766 |
| Project Name | IOT Based Weather Adaptive Street Lighting Systems |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Street lights on in the presence of sun light. street lights are on in the absence of any vehicle and pedestrian |
| 1. AAA | Idea / Solution description | A public lighting fixture that incorporates technology ,such as cameras ,light sensing photocells and other |
|  | Novelty / Uniqueness | Utilizes LDR with power efficient LED to control the light intensity. |
|  | Social Impact / Customer Satisfaction | They provide safety for pedestrians and drivers create a sense of order and cleanliness promote economic development and improve of quality life. |
|  | Business Model (Revenue Model) | Physical freemium ,digital add-on ,digital lock-in ,object self service |
|  | Scalability of the Solution | Uses wireless IOT sensors ,Zigbee ,GPRS, Lora street lamps in the city in series. |