**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 23 September 2022 |
| Team ID | PNT2022TMID30027 |
| Project Name | Project – IoT (Enable smart Farming Application) |
| 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) | * Cutting Inefficiency and Diagnosing Technical Problems. ... * AR Helmets. ... * Visualizing Product Design. ... * Detecting and preventing machine failures. ... * Monitoring crops and farm vehicles. ... * Assembly assistance through the use of technical documents. |
|  | Idea / Solution description | **healthcare, industrial automation, smart homes and buildings, automotive, and wearable technology** |
|  | Novelty / Uniqueness | * **Wearable IoT**—devices that people can wear as accessories, such as watches, for monitoring an individual’s activities or vital signs. * **Household IoT**—devices that sit in people’s homes, such as smart speakers, appliances, and thermostats. * **Public IoT**—devices that are used in public places, such as smart water meters, autonomous vehicles, and Bluetooth beacons. |
|  | Social Impact / Customer Satisfaction | The IoT helps you improve your relationships with customers by improving their overall experience. You can easily **detect the need for maintenance, develop better products, send a personalized communication, and more**. The IoT can also help e-commerce businesses to flourish and improve their sales. |
|  | Business Model (Revenue Model) | * Outcome-based model. * Platform based model. * Data-based model. * Asset sharing model. * Service based model. |
|  | Scalability of the Solution | IoT scalability refers to **the ability to go from prototype to production in a seamless way**. When people think of scalability outside the IoT context, they often envision cloud-based e-commerce merchants quickly scaling up their ability to process orders on Black Friday. |