|  |  |
| --- | --- |
| Diploma in Computer Engineering  Advanced Skills Practices (EED3014) | C:\Users\kumbar\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Engineering.jpg |

Product 1

(100 marks - 20% subject component weightage)

**Objective**

To build an Internet of Things (IoT) project.

**Scope of work**

Students will work in project groups of **two/three members**. Your project is a hardware and/or software project based on the proposed ideas in the areas of Deep-Learning, Data Analytics, Artificial Intelligence or Machine learning.

**Project Schedule**

|  |  |
| --- | --- |
| **Week** | Tasks |
| 5 | **Proposal Submission** |
| 6 | Project Development |
| 7 | Project Development  Project Development (**Progress Review 1**) |
| 8 | **Project Demo & Submission** |

#### Project Scope and Requirements

#### Create hardware and/or software IoT based project using Deep Learning, Data Analytics, Artificial Intelligence and Machine learning.

#### Deliverables:

* 1. Project Proposal
  2. Progress Review 1
  3. Project demo with explanation of codes
  4. Submission of the complete project and softcopy of project report

#### IMPORTANT: Plagiarism of any application from the Internet is strictly prohibited.

**Project Proposal Form**

|  |  |  |
| --- | --- | --- |
| Team Name: |  | Class: |
| Team Members: |  | |
|  | |
|  | |

Pls tick on the below boxes :( You may tick more than one box)

Internet of Things (IoT) Project: Areas of focus

🞎 Smart Mobility 🞎 Smart Living 🞎 Smart Health and Wellness

🞎 Digital Services

🞎 Others, please indicate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Brief description of your Project:**

1. **What problem are you trying to solve?**

|  |
| --- |
|  |

1. **Describe your solution**
2. **Targeted users**
3. **Storyboard (Screen Design Sketch)**

|  |
| --- |
|  |

**Project Planned Schedule**

|  |  |  |
| --- | --- | --- |
| **Week** | Planned Tasks (e.g. Hardware design, programming) | Action By (e.g. Team member Alex) |
| 5 |  |  |
| 6 |  |  |
| 7 |  |  |
| 8 |  |  |

🞎 **Approved** 🞎 **Rejected** 🞎 **Re-Submit**

Comments (if any):

**Tutor’s signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**