

IBM-Project-29724-1660128910

Signs with Smart Connectivity for Better Road Safty

Team ID:PNT2022TMID07704

Assingnments:

Team Lead:

Abirami v

Assingment 01 :Assingment1

Assingment 02 :Assingment2

Assingment 03 :Assingment3

Assingment 04 :Assingment4

Team member 1

Rameshkumar M

Assingment 01 :Assingment1

Assingment 02 :Assingment2

Assingment 03 :Assingment3

Assingment 04 :Assingment4

Team member 2

Arulkumar A

Assingment 01 :Assingment1

Assingment 02 :Assingment2

Assingment 03 :Assingment3

Assingment 04 :Assingment4

Team member 3

Priya N

Assingment 01 :Assingment1

Assingment 02 :Assingment2

Assingment 03 :Assingment3

Assingment 04 :Assingment4

Team member 4

Dharanidharan S

Assingment 01 :Assingment1

Assingment 02 :Assingment2

Assingment 03 :Assingment3

Assingment 04 :Assingment4

AUXILLARY TASKS:

- **PREREQUISITIES**

- IBM Cloud Services
- Software
- Create an Account in Openweather Map Website

- **CREATE AND CONFIGURE IBM CLOUD SERVICES**

- Create IBM Watson IOT Platform And Device.
- Create Node – RED Service

- **DEVELOP THE PYTHON SCRIPT**

- Develop A Python Script
- Publish Data To The IBM Cloud

- **DEVELOP A WEB APPLICATION USING NODE – RED SERVICE**

- Develop The Web Application Using Node – RED
- Use Dashboard Nodes For CREATING UI(Web App).

PROJECT DESIGN AND PLANNING

- IDEATION Phase
 - Literature Survey on The Selected Project& Information Gathering
 - Prepare Empathy Map
 - Ideation
- Project Phase 1
 - Proposed Solution
 - Problem Solution Fit
 - Solution Architecture
- Project Phase 2
 - Customer Journey
 - Functional Requirement
 - Data Flow Diagrams

- Technology Architecture
- Project Planning Phase
 - Prepare Milestone & Activity List
 - Sprint Delivery Plan

PROJECT DEVELOPMENT PHASE

- Project Development – Deliver Of Sprint-1
- Project Development – Delivery Of Sprint – 2
- Project Development – Delivery Of Sprint – 3
- Project Development – Delivery Of Sprint – 4

DEMO LINK:

<https://youtu.be/vc8WzDsGjns>

