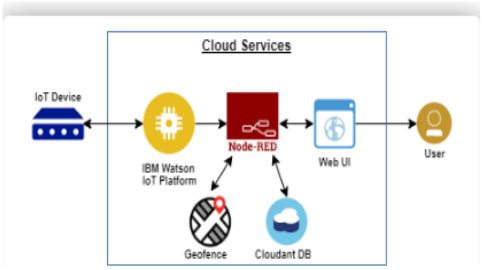
Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID21372
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification
Maximum Marks	2 Marks

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	A parent has to ensure the safety of his child from anywhere in case of need
2.	Idea / Solution description	Three parts: 1.Location tracking 2.Mapping the coordinates 3.Send the location to parents **STEP 1** **Ways to achieve:** Use GPS Module (with or without ardunio) **Ouput:** Latitude and longitutde coordinates **STEP 2** **Ways to achieve:** Websites to map the coordinates to actual location on map Eg: openweathermap **Ouput:** Geographical Location corresponding to the coordinates recieved **STEP 3** **Ways to achieve:** Hardware-GSM/NodeMCU Software-Cloud Services **Ouput:** Location of child sent to parent

3.	Novelty / Uniqueness	Parents will receive accurate location anytime anywhere
4.	Social Impact / Customer Satisfaction	Child Safety will be within reach for the parents Gadget will be childsafe and environment friendly
5.	Business Model (Revenue Model)	Technical Architecture: 
6.	Scalability of the Solution	Requires proper internet connection for working with cloud