

**Project Design Phase-II**  
**Technology Stack (Architecture & Stack)**

Date	23 October 2022
Team ID	PNT2022TMID16940
Project Name	IoT based Safety Gadget for child safety monitoring and Notification
Maximum Marks	4 Marks

**Table-1 : Components & Technologies:**

<b>S.No</b>	<b>Component</b>	<b>Description</b>	<b>Technology</b>
1.	Application Logic-1	Storing Location in IBM Cloud	Python
2.	Application Logic-2	Showing the location in the Web UI	HTML / CSS / JS
3.	Application Logic-3	Making Geo fence	NodeRed , JS
4.	Database	Object	NoSQL
5.	Cloud Database	Database Service on Cloud	IBM Cloudant
6.	Machine Learning Model	Purpose of Machine Learning Model	Object Recognition Model, etc.
7.	Infrastructure (Server / Cloud)	Application Deployment on Local System / Cloud Local Server Configuration: Cloud Server Configuration :	Python (Local) / IBM cloud(Cloudant)

Technology Stack Diagram:



