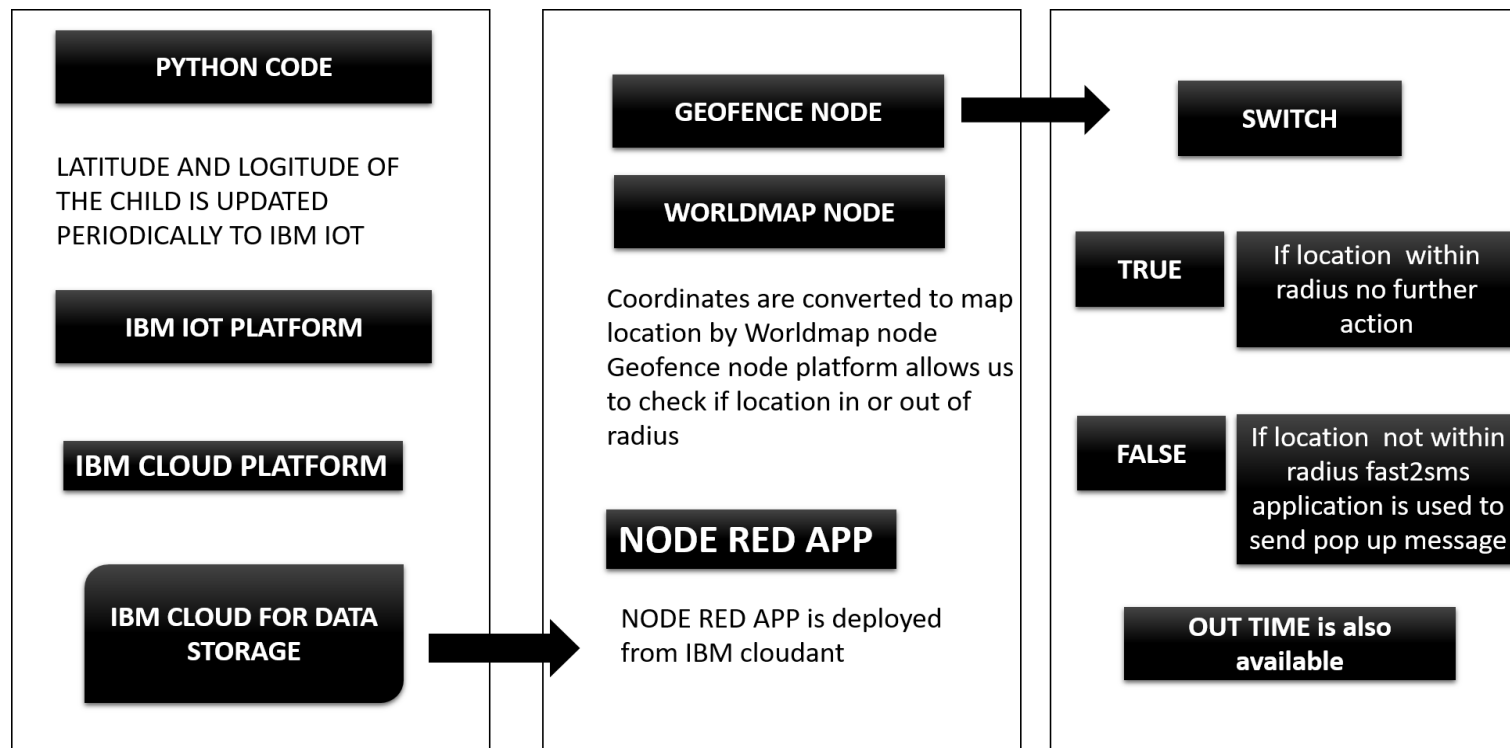


Data Flow Diagram & User Stories

Date	16 October 2022
Team ID	PNT2022TMID21372
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification
Maximum Marks	4 Marks

Data Flow Diagrams:



User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer	Registration	USN-1	I am able to get location updates correctly	I can get location constraints	High	Sprint-1
		USN-2	As a user, I can register in the application correctly	I can perfectly get synced account details	Medium	Sprint-1
		USN-3	As a user, I can keep an eye on my child whether he /she is within the geofence.	Correct updates of child location	High	Sprint-4
		USN-4	As a user, I am able to get a warning message when my child crosses the geofence.	I can get notified when my child gets out of geofence area	High	Sprint-4
	Login	USN-5	As a user, I can log into the application by entering email & password	I can log into the application	High	Sprint-1
Customer (Web user)	Generating data	USN-6	Location of child checked periodically after some time.	Python code connected with IBM platform to do so	High	Sprint-2
		USN-7	Location details of the child is constantly updated online.	I can access information from web UI	High	Sprint-3
Customer Care Executive	Problem solving	USN-8	As an executive I am able to solve the problems of the users with the given instructions	Easy maintenance and problem solving	Medium	Sprint-3
Administrator	Administering the timely data	USN-9	As an admin I am able to get through the interface and administer the data functionality.	Easy administration when data is timely updated	High	Sprint-3