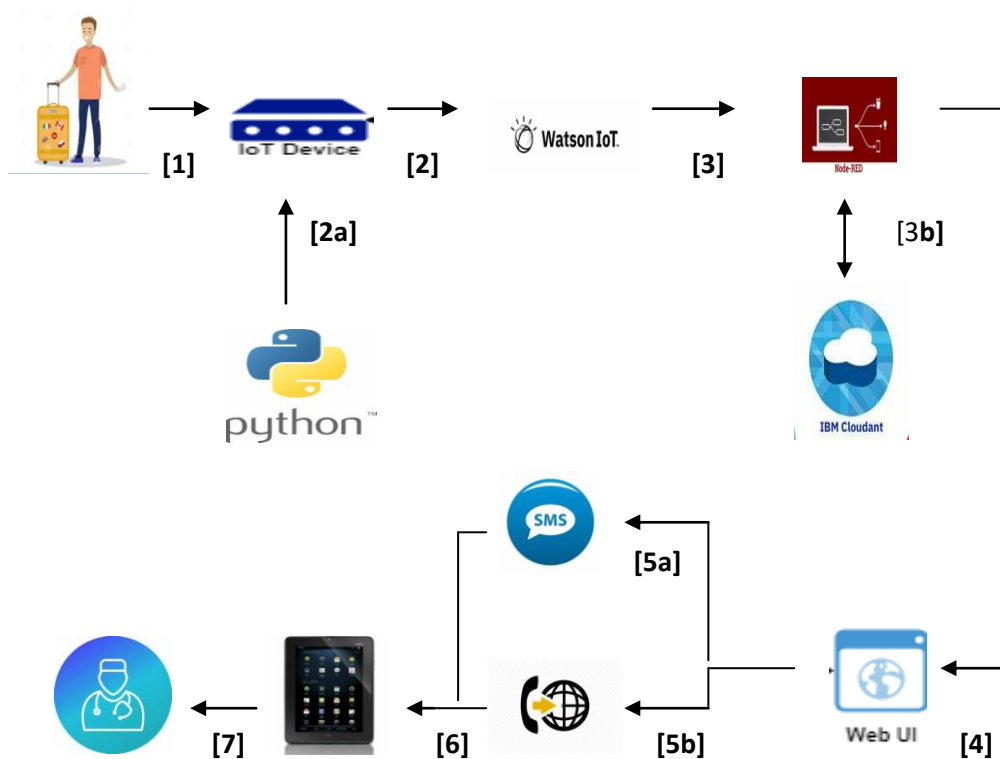


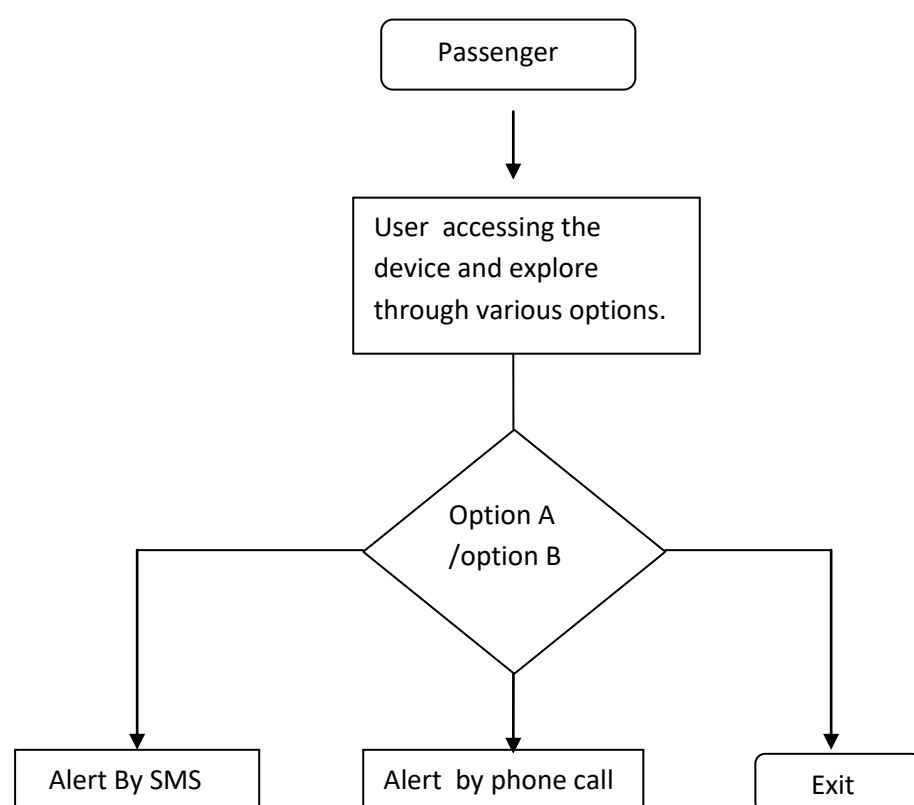
## SMART RAILWAY SYSTEM USING IOT

### DATA FLOW DIAGRAM:



1. User gives input to the IOT device
2. a) Python code is used to build the application
3. In order to create this application,we make use of this IBM IOT platfrom,NODE app.
4. A web link is created ,which send the user's alert message
5. a) Alert message via SMS  
b)Alert message via Call over Internet
6. These messages will be received by an another iot device at the other end of the user
7. The doctor access these messages via tab or laptop.

### DFD:



**Tabulation:**

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Web user)	Accessing the Web using an IOT device	USN-1	As a user, I can use the Application by clicking the screen on the Tab	I can access the Tab	High	Sprint-1
		USN-2	As a user, If I don't know how to use it,I can ask help from Ticket checker in the train or from other passenger.	By the in-built IOT device	Medium	Sprint-2
Customer (Web user)	User Option	USN-1	Alert Message via SMS	By the Web	Medium	Sprint-3
		USN-2	Alert Message via Call over Internet	By the Web	High	Sprint-4