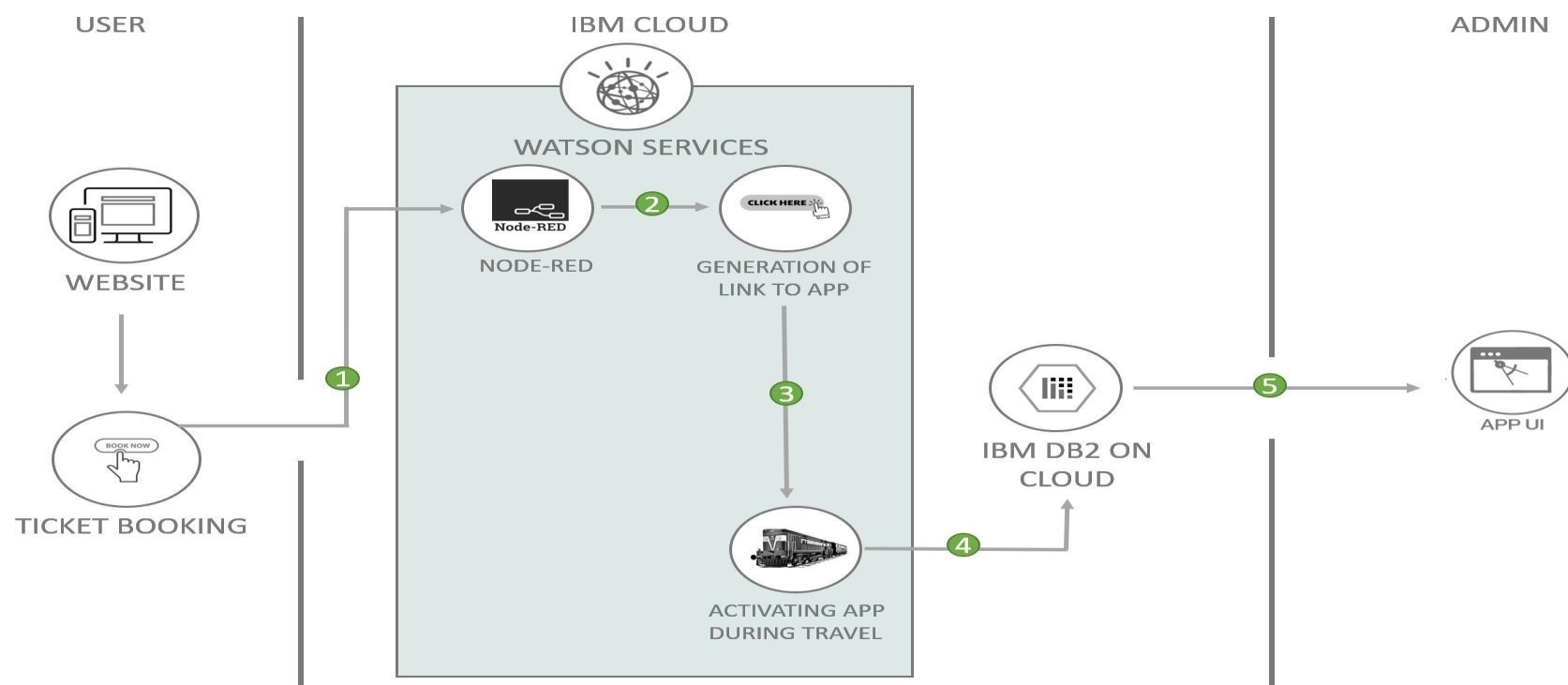


Project Design Phase-II Technology

Stack (Architecture & Stack)

Date	14 November 2022
Team ID	PNT2022TMID06006
Project Name	Project – Smart Solutions for Railways



Technical Architecture:

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table 2

Table-1 :Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	How user interacts with application e.g. Web UI, Mobile App, Chatbot etc.	HTML, CSS
2.	Application Logic	Logic for a process in the application	Python
3.	Database	Data Type, Configurations etc.	SQL
4.	Cloud Database	Database Service on Cloud	IBM DB2, IBM Cloud ant etc.
5.	File Storage	File storage requirements	IBM Block Storage or Other Storage Service or Local File system

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	List the open-source frameworks used	React
2.	Scalable Architecture	Justify the scalability of architecture (3 – tier, Micro-services)	Technology used

