

**Components & Technologies:**

S.No	Component	Description	Technology
1	User Interface	How user interacts with application	HTML ,CSS, Javascript, React Js
2	Application Logic-1	Logic for the application	Python
3	Application Logic-2	Logic for the application	IBM Watson IOT service
4	Application Logic-3	Logic for the application	MySQL,NoSQL,etc.
5	Cloud Database	Database service on cloud	IBM Cloud
6	File Storage	It store the required files	IBM Block Storage or local filesystem
7	External API-1	Purpose of external application has been used in the application	IBM Weather API
8	Machine Learning Model	Purpose of machine learning model	Object recognition model
9	Infrastructure	Local Server and cloud server configuration	Local, cloud foundry

**Application Characteristics:**

S.No	Characteristics	Description	Technology
1	Open-Source Frameworks	List the frameworks used	Opensource frameworks
2	Security Implementations	Sensitive and private data must be protected from their production until the decision making and storage stages	Node red, open weather API, MIT app Inventor
3	Scalable Architecture	Scalability is a major concern for IOT platforms. It is choices of these platforms that would affect the scalability and that automatic real time decision making is feasible in an environment.	Technology used