

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

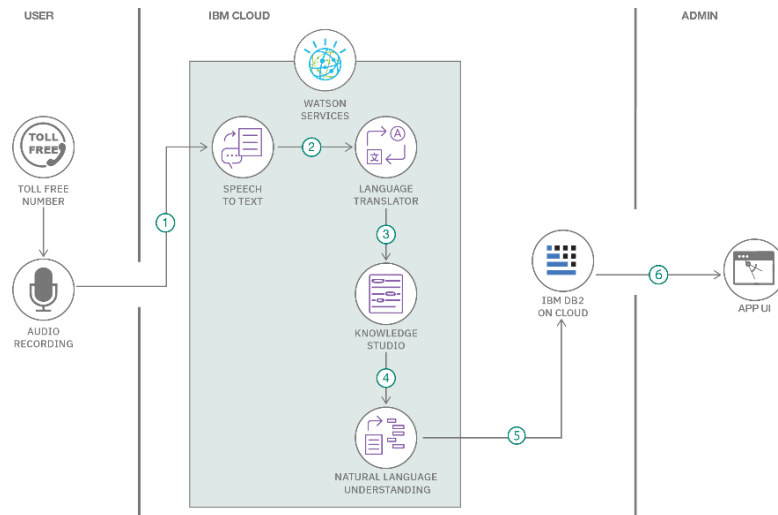
Date	03 October 2022
Project Name	Doctors Annual Salary Pred
Maximum Marks	4 Marks

Technical Architecture:

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

Example: Order processing during pandemics for offline mode

Reference: <https://developer.ibm.com/patterns/ai-powered-backend-system-for-order-processing-during-pandemics/>



Guidelines:

1. Include all the processes (As an application logic / Technology Block)
2. Provide infrastructural demarcation (Local / Cloud)
3. Indicate external interfaces (third party API's etc.)
4. Indicate Data Storage components / services
5. Indicate interface to machine learning models (if applicable)

Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	User Interacts with the website using phone, pc or laptop	HTML, CSS, JavaScript / Angular Js / React Js etc.
2.	Application Logic-1	Complete code is written in python and flask model which is also python framework	Python, Flask
3.	Machine Learning Model	Machine Learning is used in in prediction of doctors annual salary based on previous data.	Linear Regression, decision tree etc.
4.	Infrastructure (Server / Cloud)	Application Deployment on Local System / Cloud Local Server Configuration: run app.py on app terminal I vs code	Flask