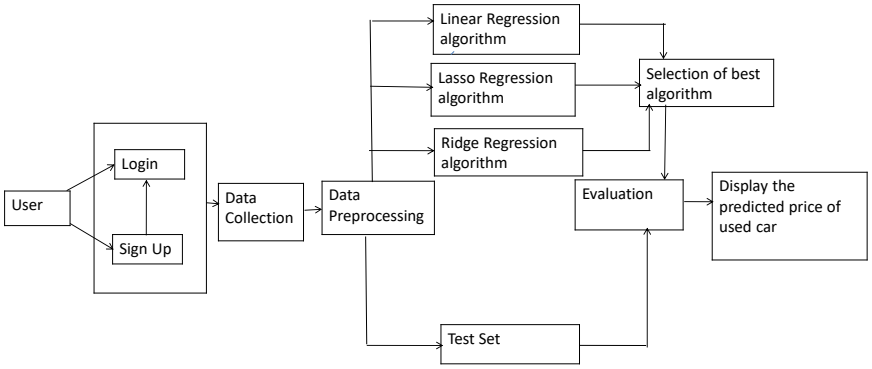
Project Design Phase-II
Technology Stack (Architecture & Stack)

Team ID	B4-4M6E
Project Name	CAR REALE VALUE PREDICTION

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



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	How user interacts with application e.g. Web UI,	Html, Css, Php,Javascript
2.	Application Logic-1	Ubload image in an application	Python
3.	Database	Data Type,	MySQL,
4.	Cloud Database	Database Service on Cloud	IBM DB2, IBM Cloudant etc.
5.	File Storage	File storage requirements	Local Filesystem
6.	Machine Learning Model	Purpose of Machine Learning Model	Object Recognition Model, etc.
7.	Convolutional Neural Network	Initialize the model	CNN layer
8.	Infrastructure (Server / Cloud)	Application Deployment on Local System / Cloud Local Server Configuration: Cloud Server Configuration :	Local, Cloud Foundry, etc.

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	List the open-source frameworks used	Technology of Open source framework
2.	Scalable Architecture	Justify the scalability of architecture (3 – tier, Micro-services)	Technology used
3.	Availability	Justify the availability of application (e.g. use of load balancers, distributed servers etc.)	Technology used
4.	Performance	The system responds to the user in a second and the hardware and software works well	Technology used