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

DATE	17 October 2022
Team ID	PNT2022TMID00736
Project Name	Intelligent Vehicle Damage Assessment and Cost Estimator for Insurance Companies
Team Leader	M.SHARATH KUMAR
Team Members	S.RAAGUL, R.RAM KUMAR, R.VINOTH KUMAR
Maximum Marks	4 Marks

Technical Architecture :

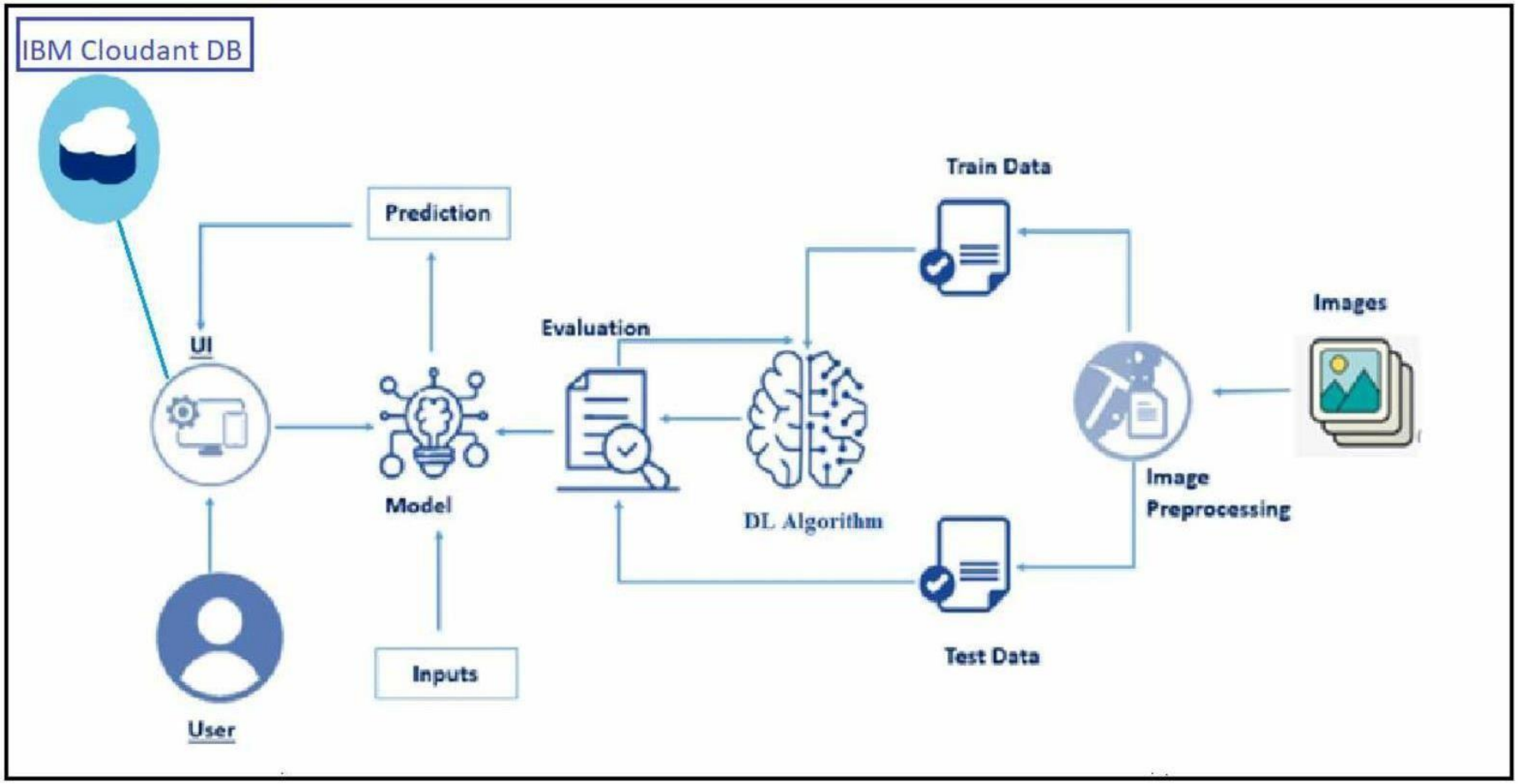
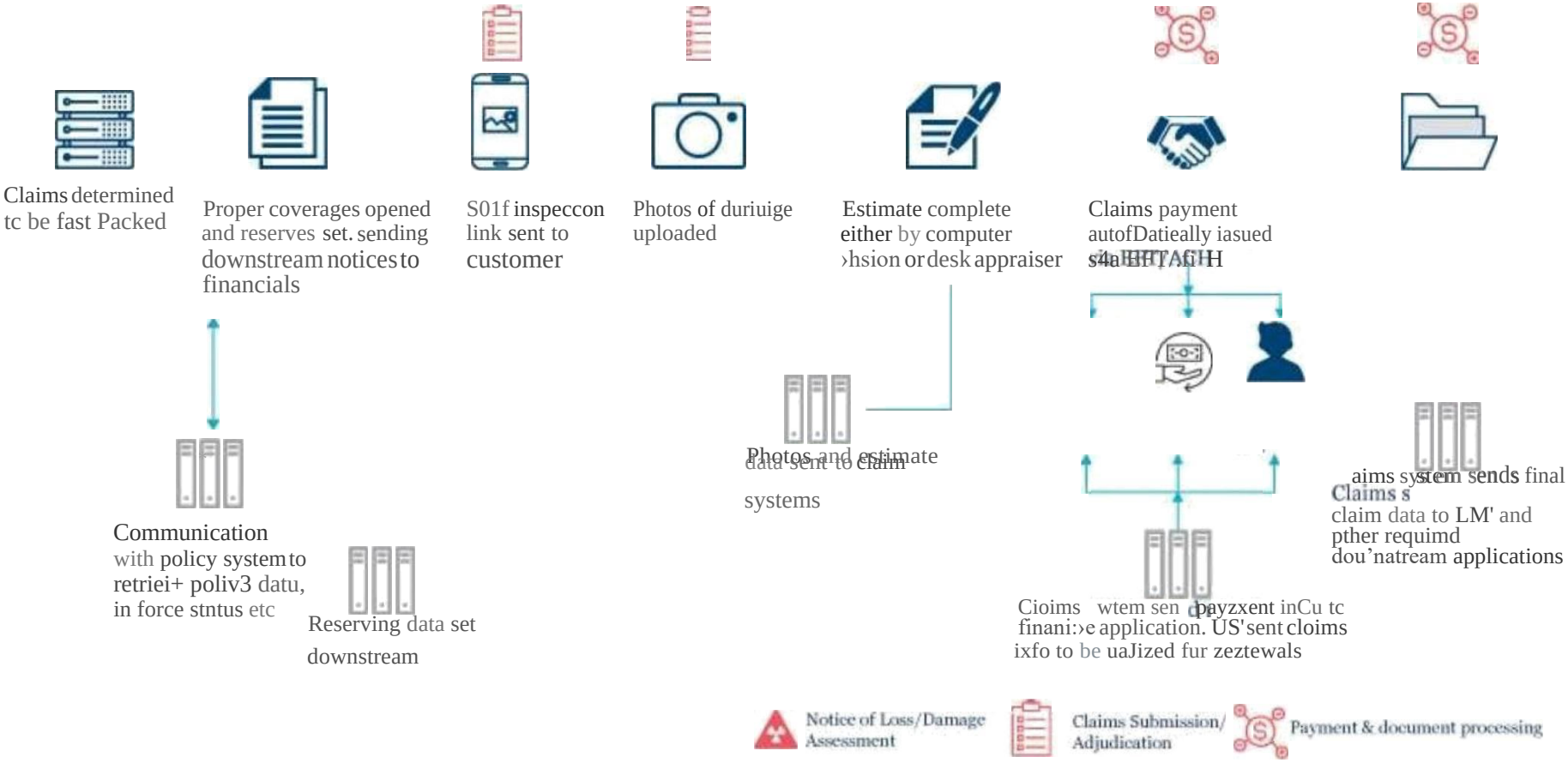


Table : Components & Technology

Sl. No.	Component	Description	Technology
1.	User Interface	The user interacts with the web UI application.	HTML, CSS, JavaScript
2.	Application Logic 1	Getting user input image.	Python
3.	Application Logic 2	Getting model output for damage prediction.	IBM Watson STT Service
4.	Application Logic 3	Getting model output for cost estimation.	IBM Watson Assistant
5.	Database	Data Type – Images and user inputs details are stored.	MySQL, Deep Learning
6.	Cloud Database	Database Service on Cloud.	IBM Cloudant DB
7.	File Storage	Received user details and received user input images of the vehicle is stored in cloud.	IBM Block Storage or Other Storage Service or Local File system
8.	AI Model	Purpose of External API used in the application.	IBM AI Platform
9.	Infrastructure (Server/Cloud)	On cloud server we will be deploying the AI Model using flask in the web page.	Cloud Foundry, etc.


Claims determined tc be fast Packed
Proper coverages opened and reserves set. sending downstream notices to financials
S01f inspeccon link sent to customer
Photos of duriuige uploaded
Estimate complete either by computer ›hsion or desk appraiser
Claims payment autofDatieally iasued
Communication with policy system to retriei+ poliv3 datu, in force stntus etc
Reserving data set downstream
Photos and estimate data sent to claim systems
aims system sends final Claims s
claim data to LM' and pther requimd dou'natream applications
Cioims wtem sen payzxent inCu tc finani:›e application. US'sent cloims ixfo to be uaJized fur zeztewals
Notice of Loss/Damage Assessment
Claims Submission/ Adjudication
Payment & document processing