Project Design Phase-
IITechnologyStack(Architecture&Stack)

Date	18November2022
TeamID	PNT2022TMID50548
ProjectName	AnalyticsforHospitalHealth-CareData
MaximumMarks	4 Marks

TECHNICALARCHITECTURE:

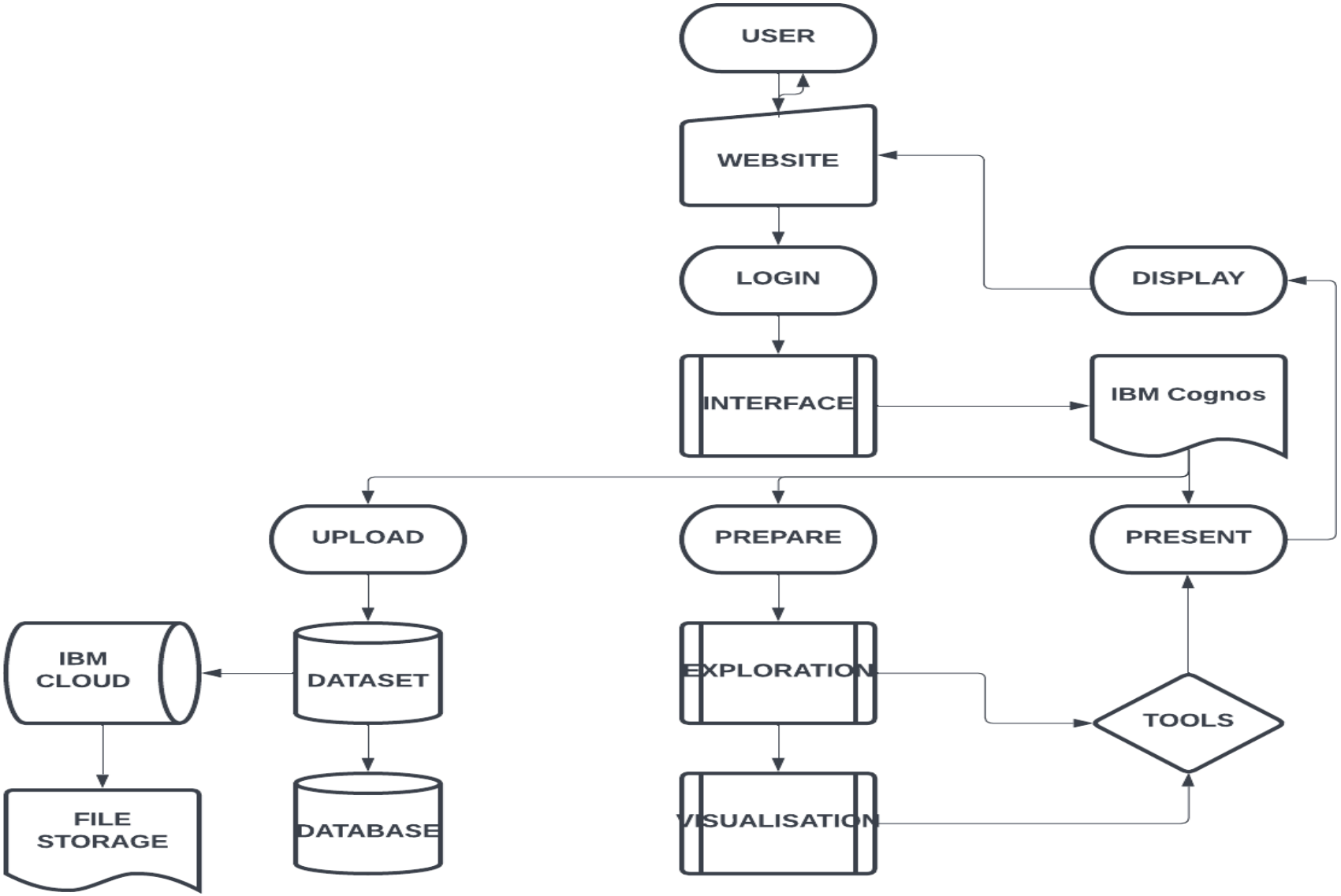

Table-1:Components&Technologies:

S.No	Component	Description	Technology
1.	UserInterface	Howtheuserinteractswiththeinterfacee.g.WebUI,etc.	HTML, CSS, JavaScript / Angular Js /ReactJsetc.
2.	DashboardLogic-1	Logic foraprocessin thedashboard	IBMCognosAnalytics
3.	DashboardLogic-2	Logic foraprocessin thedashboard	MSExcel
4.	Database	Data Type,Configurationsetc.	MySQL,NoSQL,etc.
5.	CloudDatabase	DatabaseServiceonCloud	IBMCloud
6.	File Storage	Filestoragerequirements	IBMBlockStorageorOtherStorageServiceorLocalFilesystem
7.	UploadingandPresentation	UsingExplorationandVisualization	IBMCognosAnalytics

Table-2:DashboardCharacteristics:

S.No	Characteristics	Description	Technology
1.	Open-SourceFrameworks	Dashboard Frameworks, simply is the eye of business,anindicatorofit.Itexplainstheflawsideand perfectionpartin theformofcharts,graphsand many more.	IBMCognos
2.	ScalableArchitecture	A scalable architecture for dashboard refers to asystem,network,orprocessthatisdesignedtohandleaworkload thatmay changeinscope.	IBMCognos
3.	Availability	The dashboard can available to meet user's demandin timely manner and it is also helps to providenecessaryinformationtotheuser'sdataset.	IBMCognos
4.	Performance	Thisdashboardcanscanthebackend users andanalyzingthefrequencyin whichtheyvisitthe dashboardhelpsunderstandhowusefuland helpfulthedatadisplayedis for tasks.	IBMCognos