

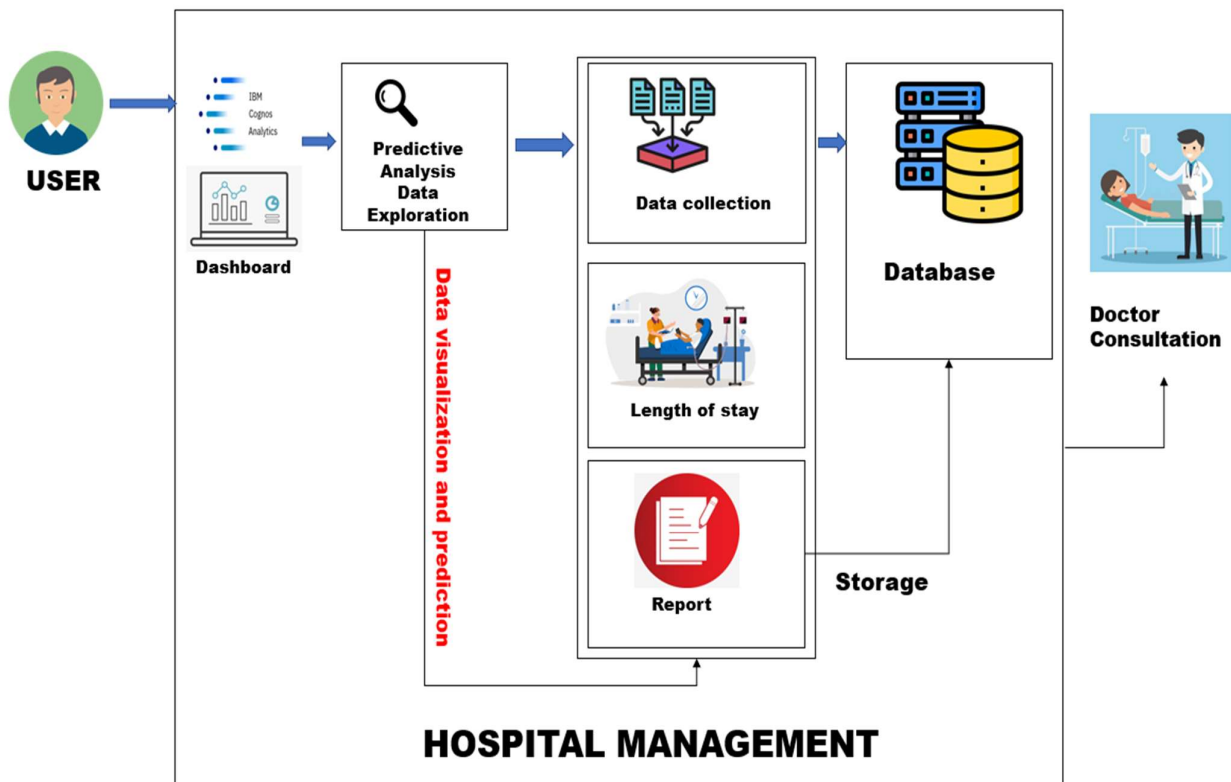
## Project Design Phase-II

### Technology Stack (Architecture & Stack)

Date	09 November 2022
Team ID	PNT2022TMID04231
Project Name	Analytics for Hospital's Health-Care Data
Maximum Marks	4 Marks

#### Technical Architecture:

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



**Table-1 : Components & Technologies:**

S.No	Component	Description	Technology
1.	User Interface	The user can access the dashboard using application	HTML, CSS
2.	Data Processing	The data is processed from the dataset	IBM Cognos
3.	Data Visualization	The data is analysed and the prediction is made	IBM Cognos
4.	Report	Report is generated based on the analysis	IBM Cognos
5.	Database	These all stored in a cloud database	IBM Cloud

**Table-2: Application Characteristics:**

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	The open-source frameworks used	Python
2.	Security Implementations	The security / access controls implemented, use of firewalls etc.	Encryption
3.	Scalable Architecture	The scalability of architecture (3 – tier, Micro-services)	IBM Cognos
4.	Availability	The application is available for all users.	IBM Cognos and application
5.	Performance	The performance is considerably high.	IBM Cognos