

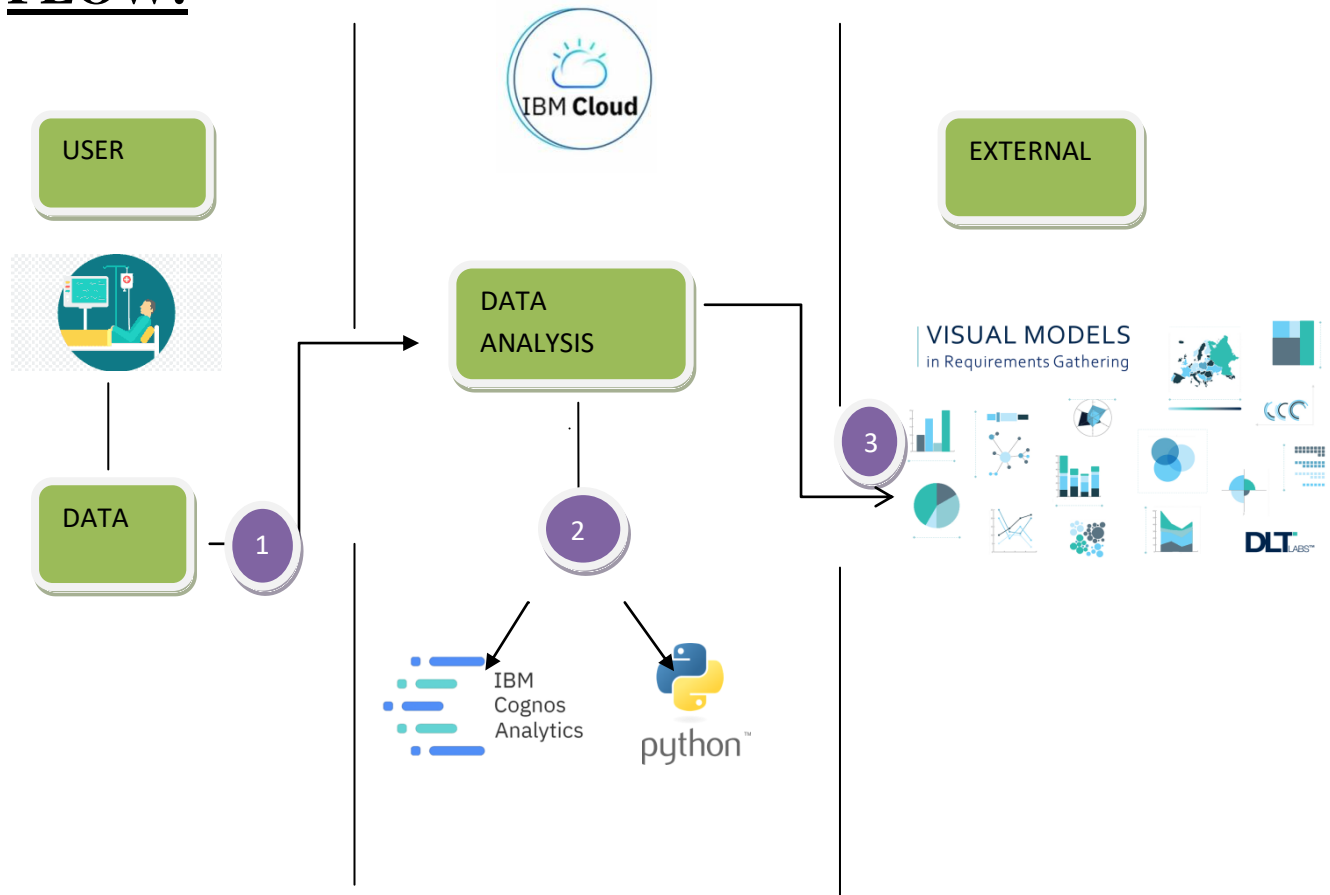
## **Project Design Phase-II Data Flow Diagram & User Stories**

Date	03 October 2022
Team ID	PNT2022TMID23557
Project Name	ANALYTICS FOR HOSPITALS HEALTH-CARE DATA
Maximum Marks	4 Marks

### **Data Flow Diagrams:**

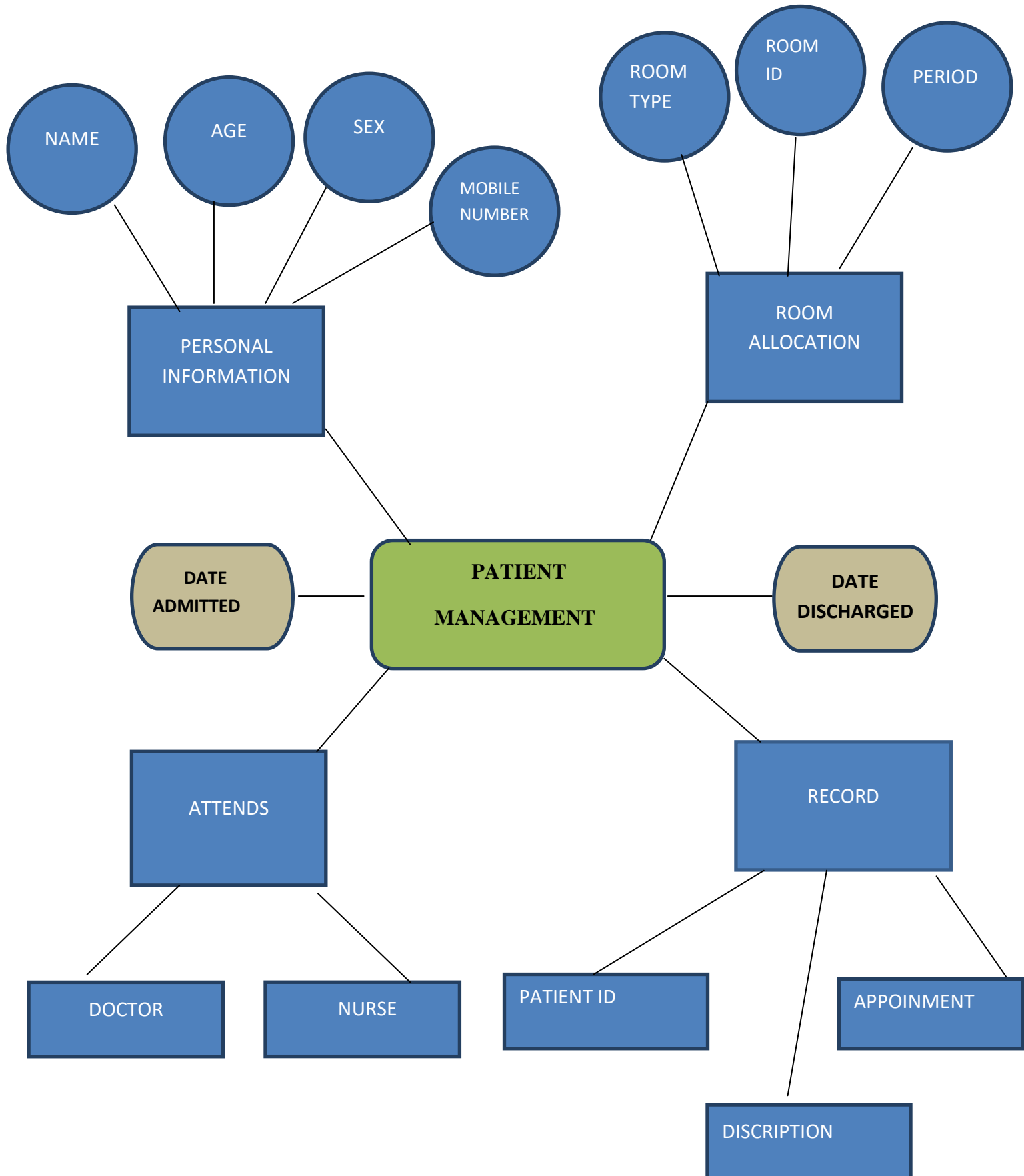
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

## **FLOW:**



1. Collect the dataset of the patients.
2. Analyse the data by using IBM Cognos Analytics
3. Visualize the data

## DFD LEVEL ZERO:



## **USER STORIES:**

<b>User Type</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Acceptance criteria</b>	<b>Priority</b>	<b>Release</b>
Customer	Retrieve data	USN-1	As a user I should get clearer clinical context for cancer patient's unique case	Oncologists provided with tools to help them personalize their patient's treatments	High	Sprint-1
Customer	Improve treatment of disease	USN-2	As a user, I got improved techniques for prevention of disease and identify members who are at risk.	Got precise ways of treating disease	High	Sprint-1
Customer	Reduced wait time	USN-3	As a user I got reduced patient wait time via improved scheduling and staffing	Wait time of patients reduced	High	Sprint-2
Customer	Detailed EHRs of patient	USN-4	Provided greater detail in the EHRs of individual patient	EHRs provided in detail	Medium	Sprint-1
Customer	Track of patient's visit to hospitals	USN-5	Tracking a patient's healthcare over years of visits and screening.	Patient visit at hospital recorded periodically	High	Sprint-2