Project Design Phase - II
Data Flow Diagram & User Stories

Date	30 October 2023
Team ID	NM2023TMID06838
Project Name	Project: Analysing the Performance & Efficiency of The Radisson Hotels using Data Visualization Techniques using IBM COGNOS
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.
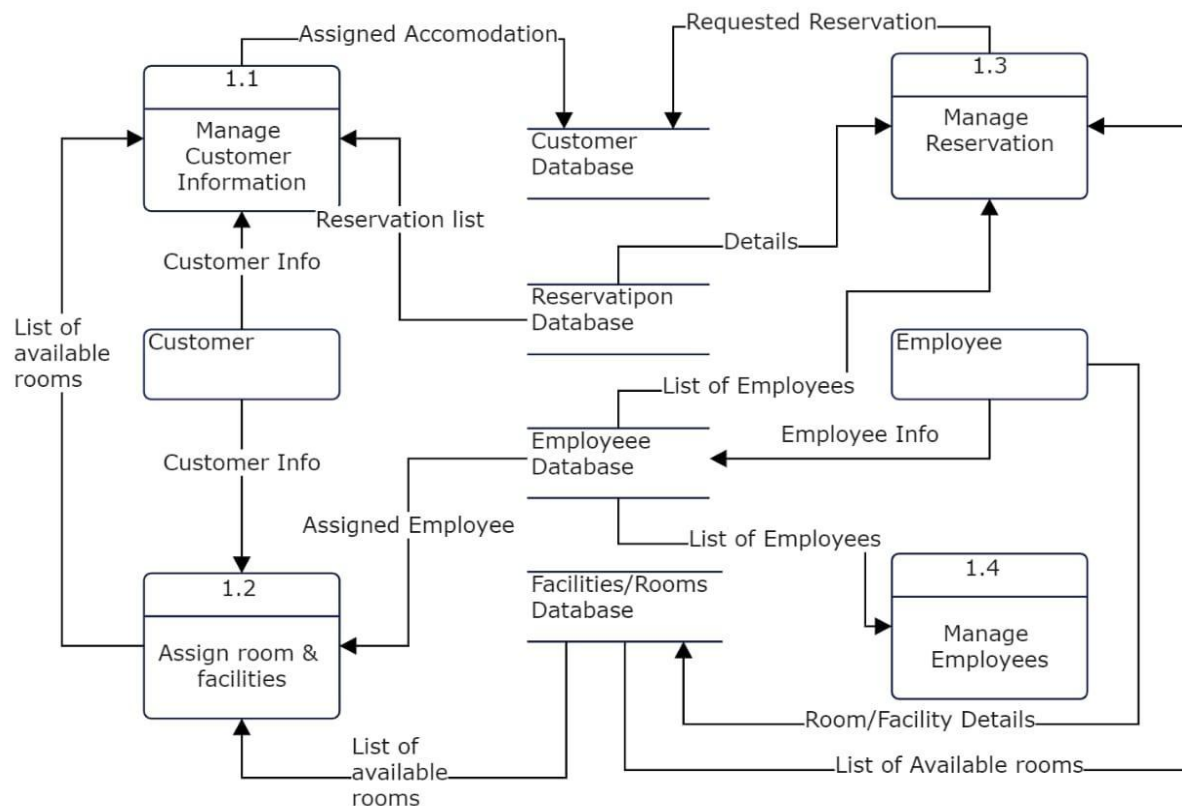
Example:

Fig: DFD Level 1(Industry standard)

User Stories

User Type	Functional Requirement (EPIC)	User Story Number	User Story/ Task	Acceptance Criteria	Priority	Release
Customer	Registration	USN-1	As a customer, I can register through email address & filling the form by entering the details and setting the password.	I can access my account.	High	Sprint-1
	Login	USN-2	I can login by entering my registered email and password. Also update the profile information.	As a registered customer, I can verify my email address to ensure my account's security and access the special offers.	High	Sprint-1
	Dashboard	USN-3	As a customer, I am able to select a room, specify the number of guests, the duration of the stay and review the details before confirming the reservation.	Able to review my booking history through the dashboard, So that I can easily access my past and upcoming reservations.	High	Sprint-1
	Reservation & Payment	USN-4	When confirming the booking, I am able to receive a confirmation email or notification containing all booking details, including the booking reference number. Make a secure payment and receive a receipt for the booking.	Access the booking details through their dashboard and make modifications or cancellations if necessary. To provide feedback and ratings for my recent hotel stay through the dashboard, So that I can share my experience with others and help hotels improve their services.	High	Sprint-1
Business travelers	Convenient locations	USN-5	As a business traveler, I want to book a hotel with a convenient location so that I can easily access my business meetings and travel destinations.	The hotel platform should allow me to filter hotels based on their distance from specific locations or landmarks relevant to my business trip.	Low	Sprint-2

Luxury tourist	Elegant accommodations	USN-6	As a luxury traveler, I want to experience elegant accommodations when booking a hotel, so that I can enjoy a luxurious and comfortable stay.	The user has the option to request any specific room preferences or special requests. Upon arrival, the guest's room should be clean, well-maintained.	Medium	Sprint-1
	Personalized services	USN-7	As a luxury traveler, I expect personalized service when booking a hotel, ensuring that my unique needs and preferences are catered to throughout my stay.	Access 24/7 to assist with booking reservations, arranging transportation, and providing local recommendations.	Medium	Sprint-1
Celebrities & VIPs	Security & privacy	USN-8	As a celebrity or VIP, I want to book a hotel with the utmost privacy and security, ensuring that my personal information and stay details are kept confidential and that I am protected from potential threats.	As a VIP, I can access a private check-in and check-out process, away from public areas. Access to the guest's room should be strictly controlled, with authorization required for all staff members who need entry.	High	Sprint-1
Employee	Dashboard	USN-9	As a working employee at Radisson hotel, I want to use a user-friendly and efficient dashboard to manage my daily tasks and provide excellent service to our guests.	Employees should be able to view and manage their daily tasks.The dashboard should provide real-time updates on guest requests, check-ins, check-outs, and special instructions.	Medium	Sprint-2
Admin	Registration	USN-10	As an admin, I can register for the application by entering my email along with the username and set a strong password. I will receive a verification link to activate my account and complete my profile with additional information.	I can receive the confirmation mail and click conform to proceed further. I can access the account.	High	Sprint-1
	Login	USN-11	Enter the email and password to access the system	Successful authentication should grant access to	High	Sprint-1

				the administrators dashboard		
	Dashboard	USN-12	Upon successful login, I can be directed into the dashboard page.	I can access the functions like reservations, guest profiles, employee records, and other relevant operations and interact with the system by auditing and accountability purposes.	High	Sprint-1