

Project Design Phase-II
Data Flow Diagram & User
Stories

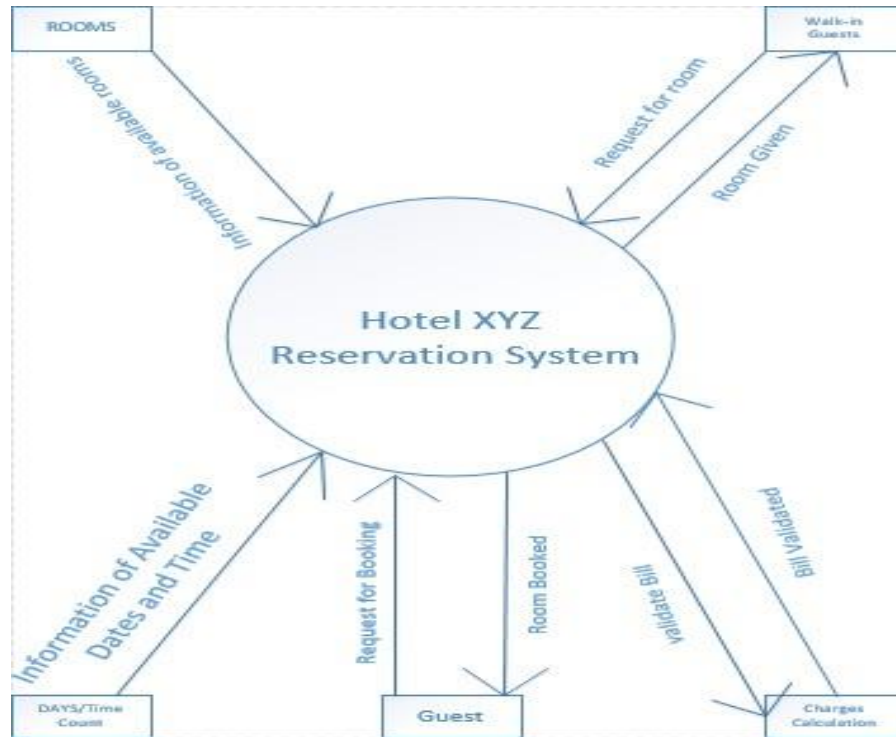
Date	29 October 2023
Team ID	NM2023TMID 10831
Project Name	Analyzing the Performance & Efficiency of The Radisson Hotels using Data Visualization Techniques using IBM COGNOS
Maximum Marks	4 Marks

Data Flow Diagrams:

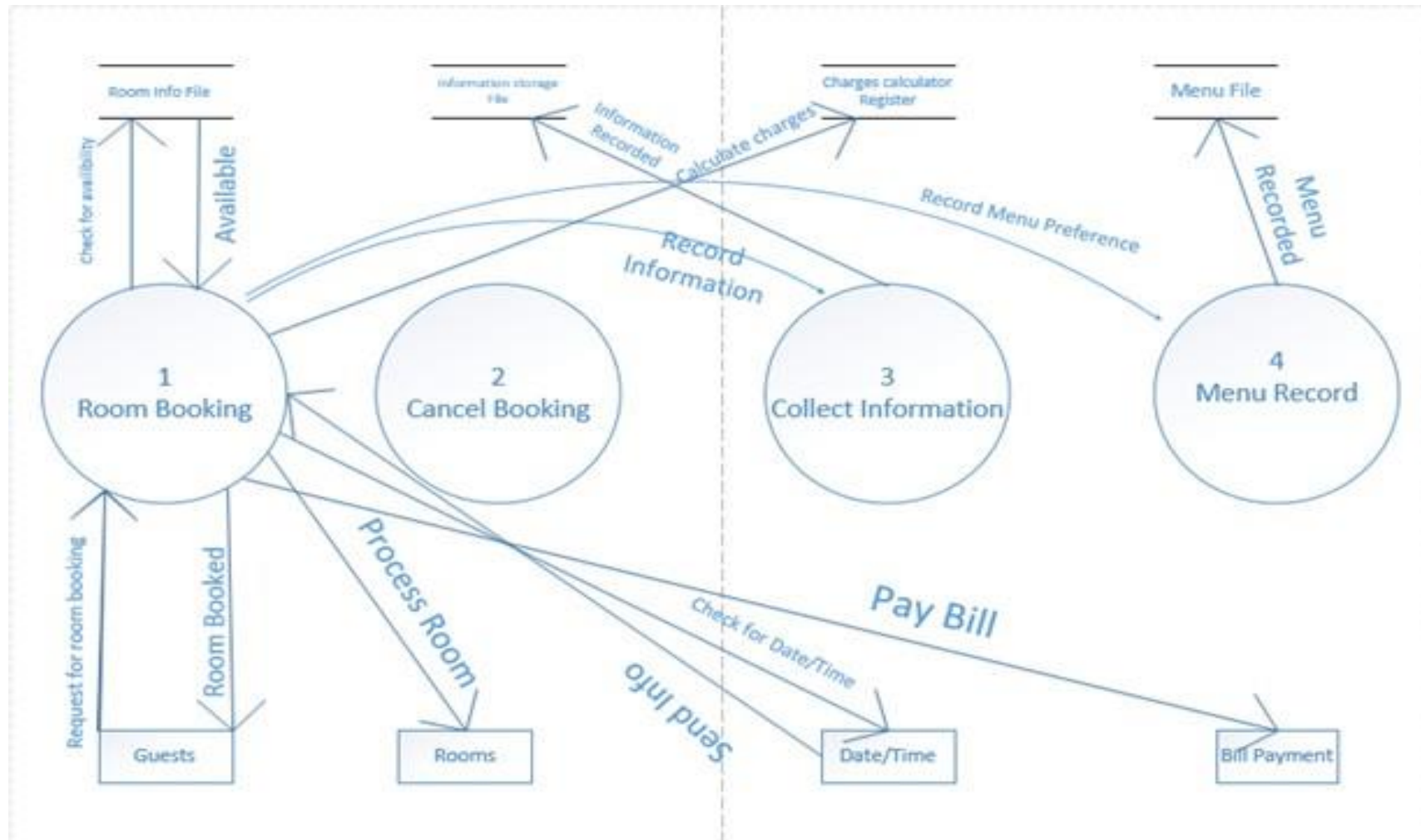
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Data Flow Diagrams (DFDs) are a graphical tool used in systems engineering and software engineering to represent the flow of data within a system or process. They are a part of the structured analysis and design techniques that help analysts and designers understand, document, and communicate how data moves through an information system. DFDs are particularly useful for modeling the processes, data stores, data flows, and external entities in a system.

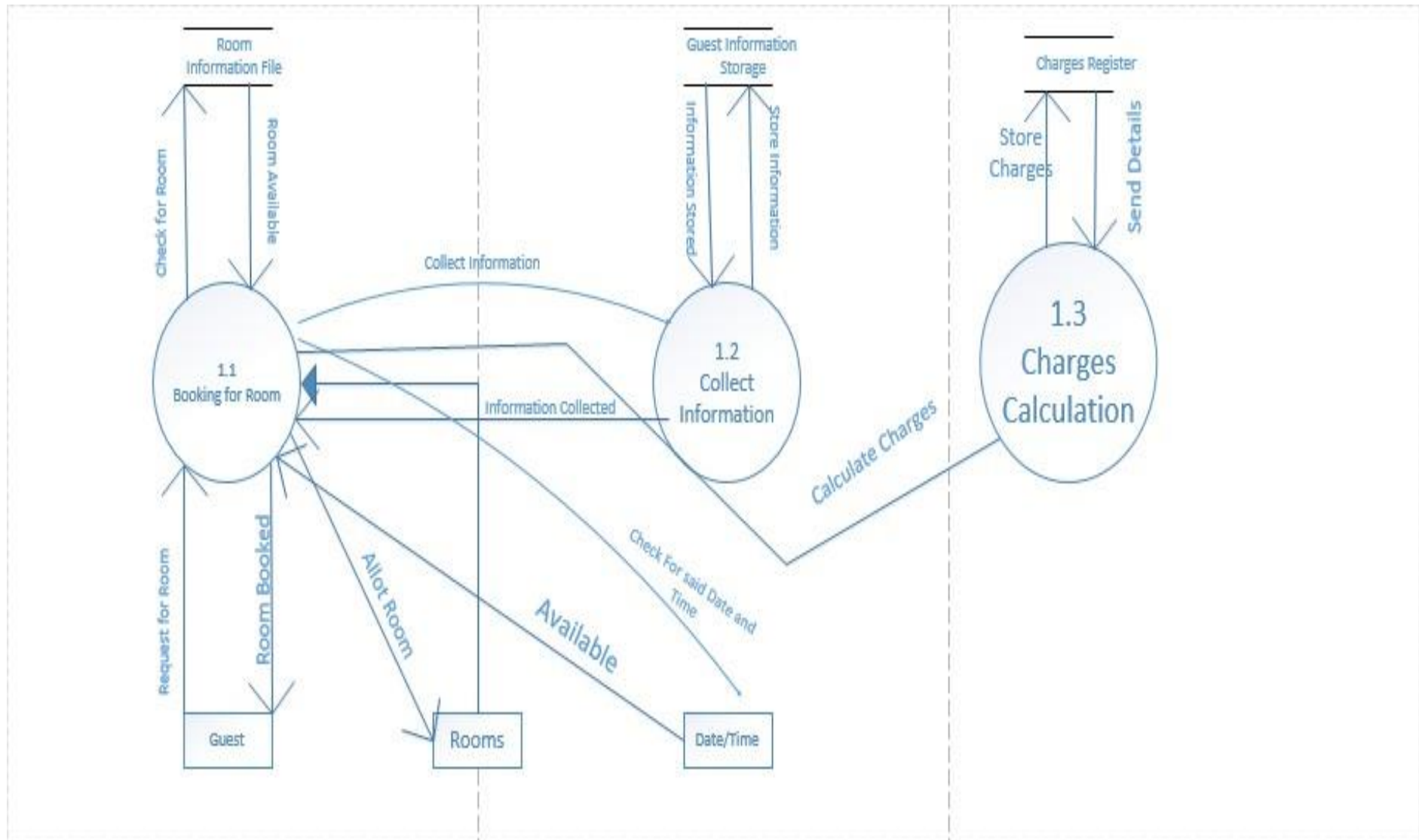
Context Diagram:



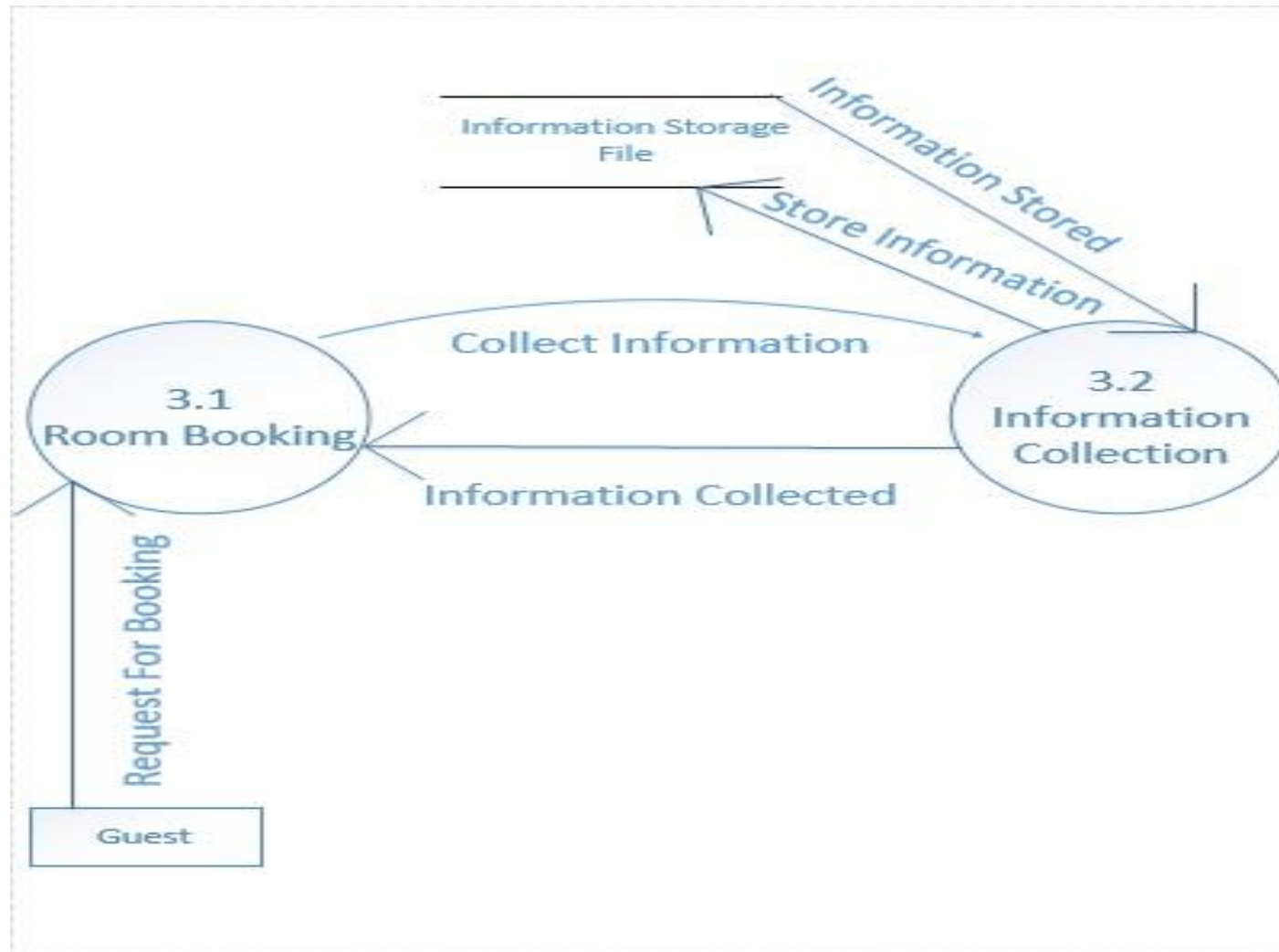
DATA FLOW DIAGRAM (Zero Level):



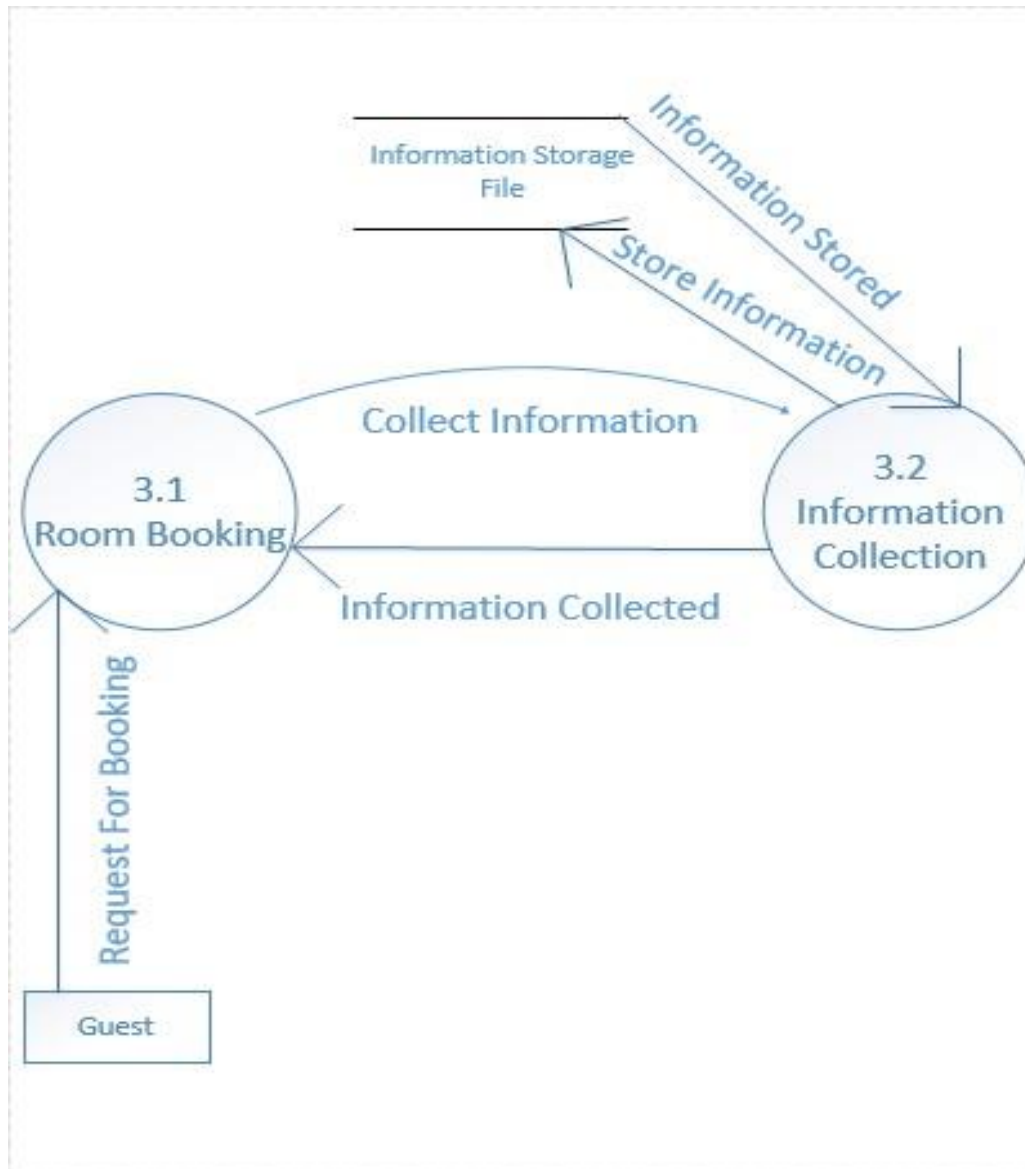
DATA FLOW DIAGRAM (Level 1):



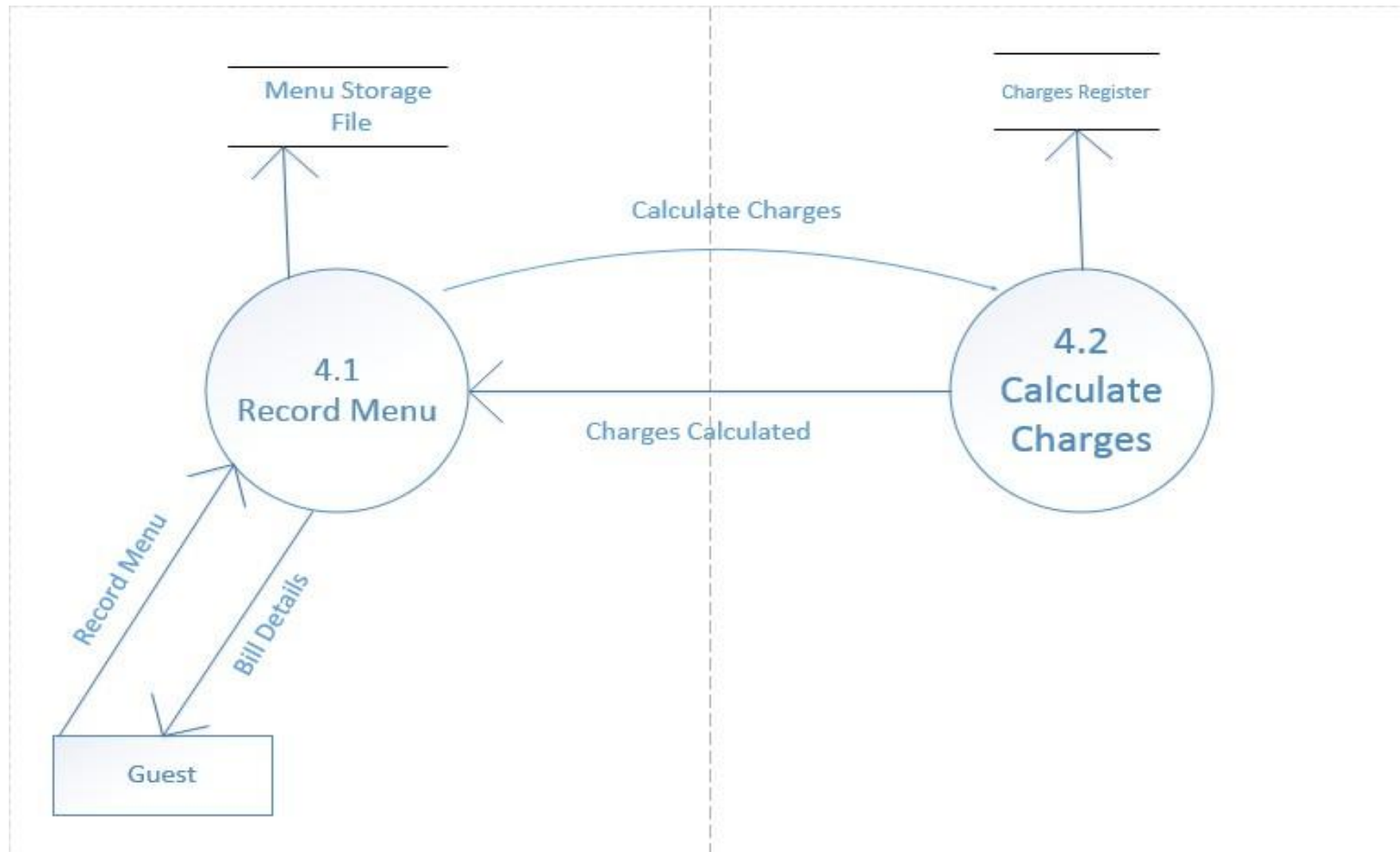
DATA FLOW DIAGRAM (Level 2):



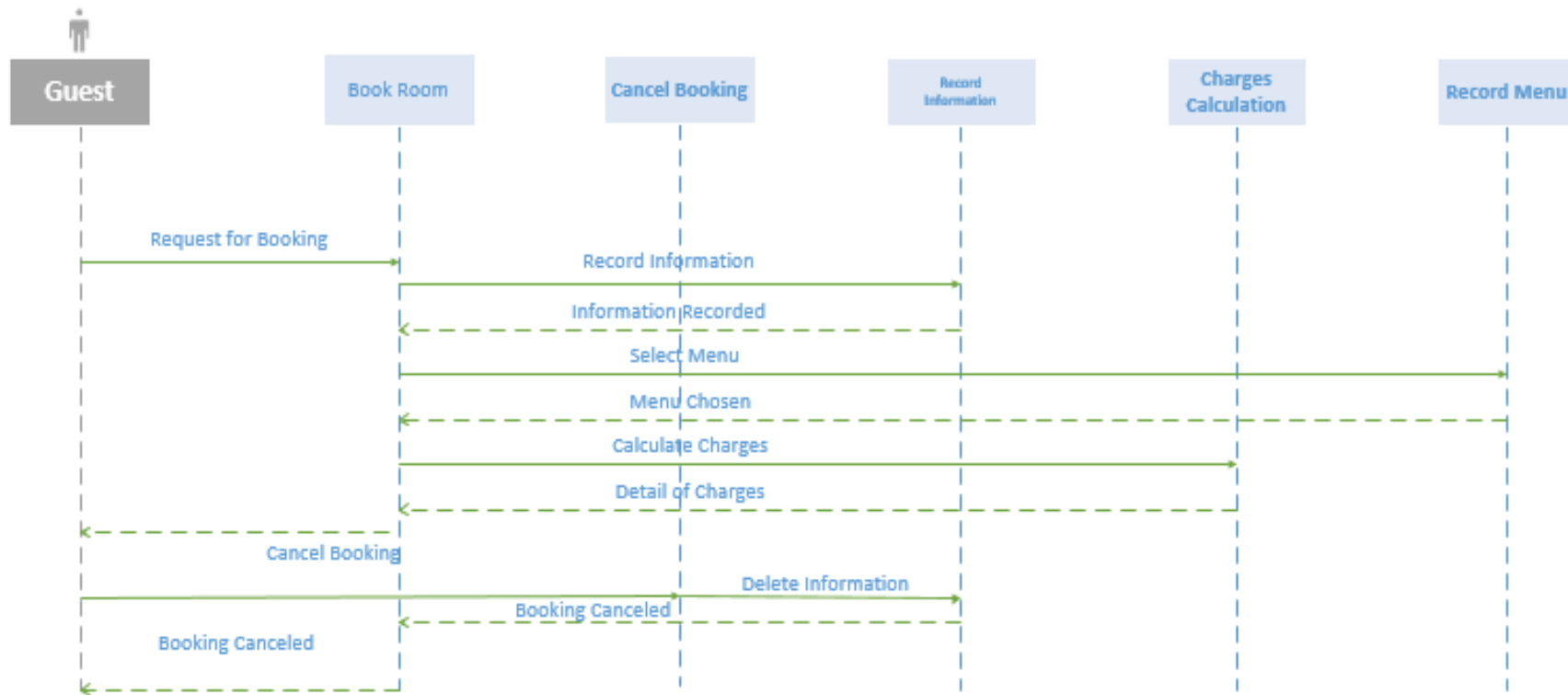
DATA FLOW DIAGRAM (Level 3):



DATA FLOW DIAGRAM (Level 4):



SEQUENCE DIAGRAM :



User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard					
Customer (Web user)	Registration					
Customer Care Executive	Feedback					
Administrator	Monitoring					