

Bhavan's Campus, Munshi Nagar, Andheri(W), Mumbai:400058, India (Autonomous College of Affiliated to University of Mumbai)

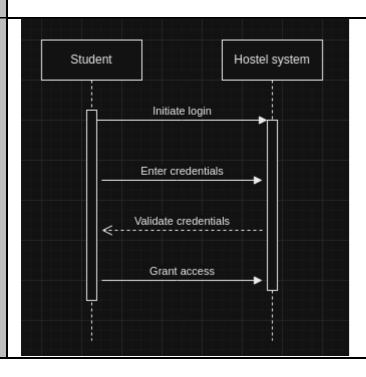
Team Member Name:	Team Member UID:
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EXPERIMET NO:	4
AIM:	Sequence/Collaboration Diagram for Hostel ManagementSystem.

Problem Statement:

The Hostel Management System (HMS) project addresses the challenges faced in efficiently managing hostels in today's world. With a focus on enhancing student satisfaction, the HMS aims to provide a comprehensive solution. It offers user management for administrators, students and visitors, simplifies room booking, facilitates smooth check-in/check-out processes, manages billing and payments, monitors room availability, maintains student profiles, and provides reporting and analytics tools. The system ensures data security and privacy compliance while offering a user-friendly interface accessible via a web app.By automating administrative tasks and optimizing room management, the HMS benefits hostel owners, while also improving the student experience and modernizing hostel operations.

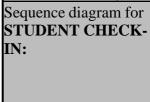
Sequence diagram for STUDENT LOGIN:

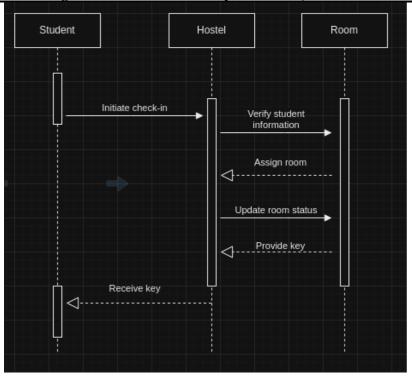




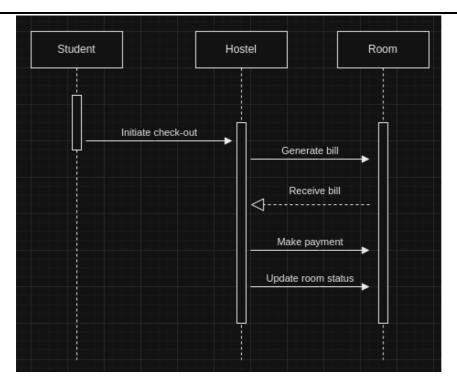
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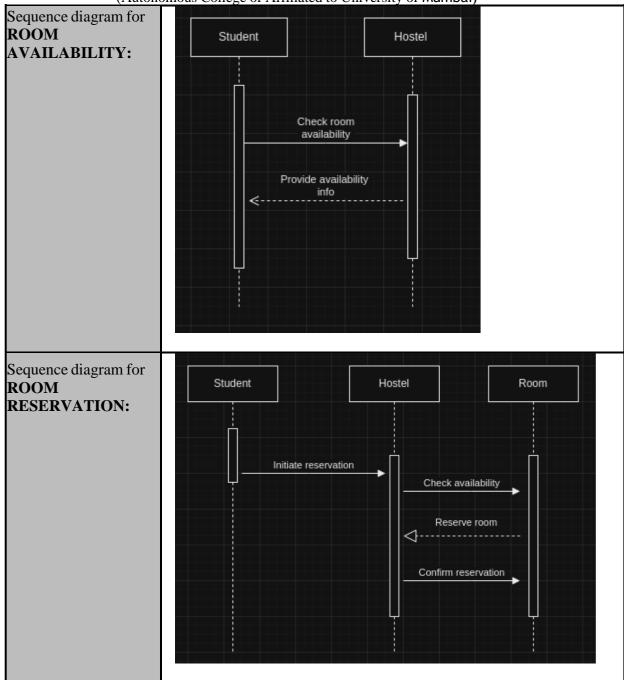
Sequence diagram for STUDENT CHECK-OUT:





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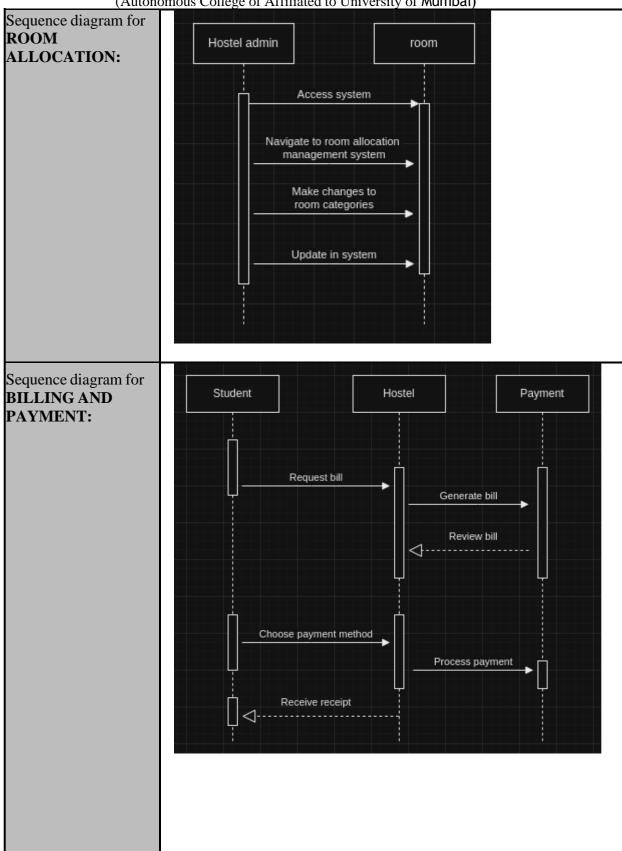
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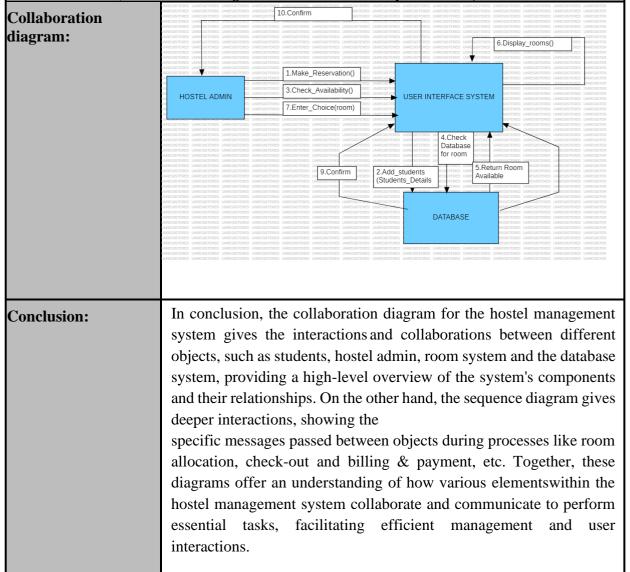
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Conclusion:	In summary, the Hostel Management System class diagram, incorporating classes such as," "Users," "Student," "Admission,"
	"Hostel Administrator," "Rooms," "Payment," and "Allotment,"
	serves as a visual blueprint for designing a robust and efficient hostel
	management system. It defines the core entities and their
	relationships, enabling effective management of student admissions,
	room allocations, payments, and user interactions within the system.
	This class diagram lays the foundation for building a comprehensive
	and user-friendly Hostel Management System to streamline hostel
	operations and enhance the overall hostel experience.