

Collaboration Interaction Sequence Diagram

sd SequenceDiagram1

Student User

Hostel Management System

Admin User Database

Admin Room Database

1 : Request login

2 : Check if user exists

3 : User credentials valid

4 : Login successful

5 : Request Room availability status

6 : Check room availability

7 : Room available

8 : Room available

9 : Room information request

10 : Room information request

11 : Send room details and fee info

12 : Send room details

13 : Confirm booking and pay fees

14 : Update room database

15 : Database updated successfully

16 : Room booking successful

