Green University of Bangladesh

Department of Computer Science and Engineering (CSE)

Faculty of Sciences and Engineering

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Project on

Course Title: **Database System Lab**

Course Code: **CSE 210** Section: **191 DA**

Project Title: **Hostel Management System**

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Project Status

Marks: …… **Signature:.....**

Comments:.....	**Date:.....**

CONTENTS

1. Introduction……03
2. Requirements & Design…….....04
3. Entities & Attributes…….....06
4. Implementation & Results…….....09
5. Evaluation……..20
6. Limitation……...……20
7. Discussion……..20

1. INTRODUCTION:

The project is aims to build a database management system to manage the Hostel easily. The aim of the project is to provide effective tools to maintain the Hostel. It will help to manage a hostel of school, college or university. This project is to get rid from manual entry and record system and try to give easy and simple database management system for hostels. The project is included ER Diagram, Conceptual Schema, and other supporting requirement information.

- **Purpose:**

  This project is designed to keep the record of the students living in hostel, allocation of rooms, we are trying to make this management system as much as simple and easy as we can, but we will try to cover all the basic elements use for hostel management database.

- **Objective:**
  - To deal with Hostel Management System in an easy and an efficient manner.
  - Create strong and secrete database that allows for any connection in a secret way, to prevent any outside or inside attacks.

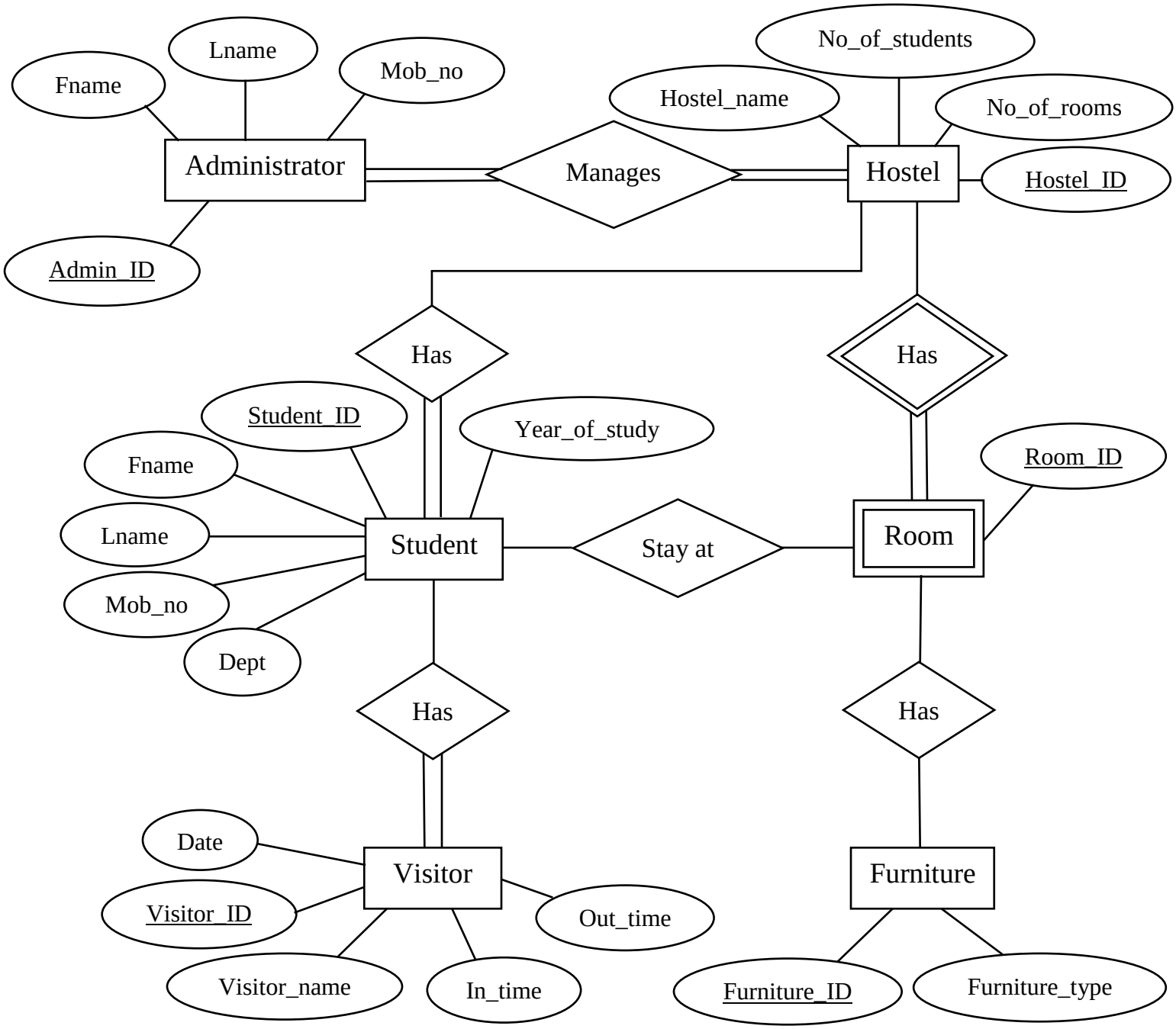
- **Scope of the Project:**
  - Hostel Management System is designed for Hostel (like schools, Universities).
  - There will be predefined criteria for the Reservation to the hostels.
  - She/he checks the attested application forms of the students obtained from the internet and verify it with the student database.
  - If the students are found eligible then they are allotted to the hostel Room.

- **Overview of Project:**

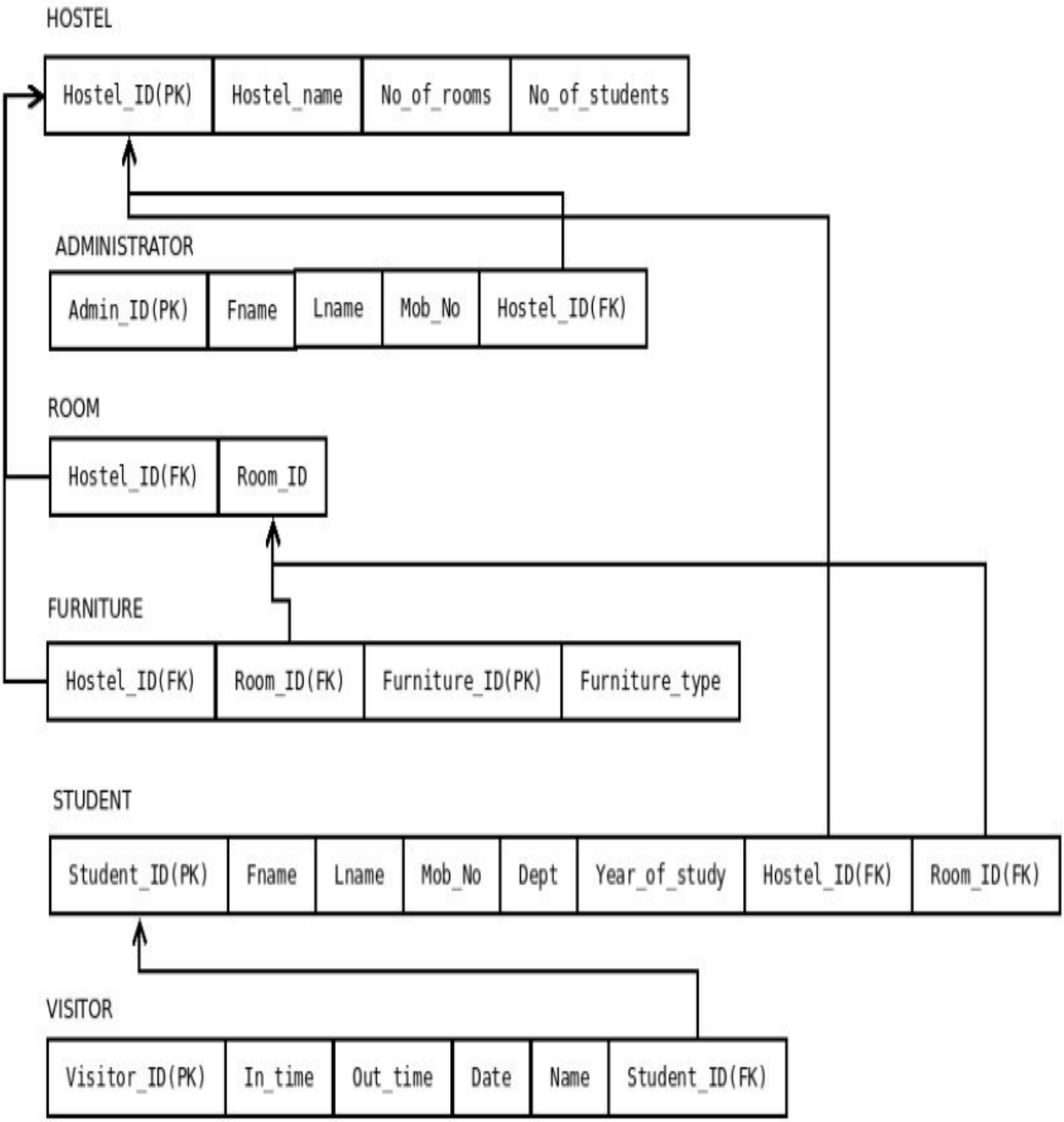
  Hostel Management System is a web application which aims at computerization of the current procedure of allocating hostel rooms. Currently, the process involves students filling up the forms and submitting them in respective hostel offices which involves a lot of paperwork, hence less efficient.

2. REQUIREMENTS & DESIGN:

- **Requirements:**
  - We have used XAMPP Control Panel.
  - Create a SQL server.
- **Design:**
  - **Entity Relationship Diagram:**



- **Conceptual Schema:**



3. ENTITIES AND ATTRIBUTES:

This section of the document explains the entities used in the project, their attributes and how they will work together. Basically, this is intended to make the design easier and more understandable for everyone.

Entities:

1. Hostel
2. Administrator
3. Student
4. Room
5. Visitor
6. Furniture

➢ **Hostel:**

An Institution has many hostels and each hostel is represented using this 'Hostel' entity. Hostel model takes part in the following relationships.

- Hostel manages Administrator.
- Hostel has Student.
- Hostel has Room.

Attributes:

Name	Data type	Type
Hostel_ID	integer	Primary Key attribute
Hostel_name	string	Non_key attribute
No_of_rooms	integer	Non_key attribute
no_of_students	integer	Non_key attribute

➢ **Administrator:**

Every hostel has an administrator and is represented using the 'administrator' entity. Administrator entity takes part in following relationships.

- Administrator manages Hostel.

Attributes:

Name	Data type	Type
Admin_ID	integer	Primary Key attribute
Fname	string	Non_key attribute
Lname	string	Non_key attribute
Mob_no	string	Non_key attribute
Hostel_ID	integer	Foreign Key attribute

- **Student:**
  Every hostel has students and they are represented by the 'student' entity. Student entity participates in the following relationships.
  - Student has Hostel.
  - Student has visitor.
  - Student stays at room.

  Attributes:

Name	Data type	Type
Student_ID	integer	Primary Key attribute
Fname	string	Non_key attribute
Lname	string	Non_key attribute
Mob_no	string	Non_key attribute
Dept	string	Non_key attribute
Year_of_study	integer	Non_key attribute
Hostel_ID	integer	Foreign Key attribute
Room_ID	integer	Foreign Key attribute

- **Room:**
  Every Hostel has rooms and they are represented using 'room' entity. Room entity participates in the following relationships.
  - Room has Hostel.
  - Room stays at Student.
  - Room has Furniture.

  Attributes:

Name	Data type	Type
Room_ID	integer	Primary Key attribute
Hostel_ID	integer	Foreign Key attribute

- **Visitor:**
  Every student has visitors and they are represented using 'Visitor' entity. Visitor entity participates in the following relationships.
  - Visitor has Student.

  Attributes:

Name	Data type	Type
Visitor_ID	integer	Primary Key attribute
In_time	Date-time field	Non_key attribute
Out_time	Date-time field	Non_key attribute
Date	Date-time field	Non_key attribute
Visitor_name	string	Non_key attribute
Student_ID	integer	Foreign Key attribute

- **Furniture:**
  Every room has furniture and they are represented using 'furniture' entity. Furniture participated in following relationships.
  - Furniture has Room.

  Attributes:

Name	Data type	Type
Furniture_ID	integer	Primary Key attribute
Furniture_type	string	Non_key attribute
Hostel_ID	integer	Foreign Key attribute
Room_ID	integer	Foreign Key attribute

4. IMPLEMENTATION & RESULTS:

- **Implementation:**
  - Filtering data
  - Sorting data
  - Joining data
  - Make Relationship each other tables.

- **Results:**

1. Describe table:

Your SQL query has been executed successfully.

```
DESCRIBE administrator
```

+ Options

Field	Type	Null	Key	Default	Extra
admin_id	int(11)	NO	PRI	NULL	
fname	varchar(255)	NO		NULL	
lname	varchar(255)	NO		NULL	
mob_no	varchar(15)	NO		NULL	
hostel_id	int(11)	NO	MUL	NULL	

Your SQL query has been executed successfully.

```
DESCRIBE furniture
```

+ Options

Field	Type	Null	Key	Default	Extra
hostel_id	int(11)	NO	MUL	NULL	
room_id	int(11)	NO	MUL	NULL	
furniture_id	int(11)	NO	PRI	NULL	
furniture_type	varchar(255)	NO		NULL	

Your SQL query has been executed successfully.

```
DESCRIBE hostel
```

+ Options

Field	Type	Null	Key	Default	Extra
hostel_id	int(11)	NO	PRI	NULL	
hostel_name	varchar(255)	NO		NULL	
no_of_rooms	int(11)	NO		NULL	
no_of_students	int(11)	NO		NULL	

Your SQL query has been executed successfully.

```
DESCRIBE room
```

+ Options

Field	Type	Null	Key	Default	Extra
hostel_id	int(11)	NO	MUL	NULL	
room_id	int(11)	NO	PRI	NULL	

Your SQL query has been executed successfully.

```
DESCRIBE student
```

+ Options

Field	Type	Null	Key	Default	Extra
student_id	int(11)	NO	PRI	NULL	
fname	varchar(255)	NO		NULL	
lname	varchar(255)	NO		NULL	
mob_no	varchar(20)	NO		NULL	
dept	varchar(100)	NO		NULL	
year_of_study	int(11)	NO		NULL	
hostel_id	int(11)	NO	MUL	NULL	
room_id	int(11)	NO	MUL	NULL	

Your SQL query has been executed successfully.

```
DESCRIBE visitor
```

+ Options

Field	Type	Null	Key	Default	Extra
visitor_id	int(11)	NO	PRI	NULL	
in_time	time	NO		NULL	
out_time	time	NO		NULL	
date	date	NO		NULL	
name	varchar(255)	NO		NULL	
student_id	int(11)	NO	MUL	NULL	

2. **Value insert into tables:**

   i. **Administrator:**

admin_id	fname	lname	mob_no	hostel_id
5001	Md	Monir	01631132848	1001
5002	Sourav	Ahamed	01700011122	1002
5003	Atikur	Rahman	01835455565	1003
5004	Omit	Kumer	01588426754	1004
5005	Tariqul	Islam	01712455232	1005

   ii. **Furniture:**

hostel_id	room_id	furniture_id	furniture_type
1001	2001	3001	Bad
1001	2001	3002	Table
1001	2001	3003	Chair
1001	2001	3004	Water_Filtter
1001	2001	3005	Table_light
1001	2002	3006	Bad
1001	2002	3007	Table
1001	2002	3008	Chair
1001	2002	3009	Sofa
1001	2002	3010	AC
1001	2002	3011	Shoe_Rack
1001	2002	3012	Table_light
1001	2002	3013	Tea_Table
1001	2003	3014	Bad
1001	2003	3015	Chair
1001	2003	3016	Table

	hostel_	room_	furniture_	furniture_type
	1002	2006	3036	Bad
	1002	2006	3037	Table
	1002	2006	3038	Chair
	1002	2006	3039	Water_Filtter
	1002	2006	3040	Table_light
	1002	2007	3041	Bad
	1002	2007	3042	Table
	1002	2007	3043	Chair
	1002	2007	3044	Sofa
	1002	2007	3045	AC
	1002	2007	3046	Shoe_Rack
	1002	2007	3047	Table_light
	1002	2007	3048	Tea_Table
	1002	2008	3049	Bad
	1002	2008	3050	Chair
	1002	2008	3051	Table

hostel_id	room_id	furniture_id	furniture_type
1005	2028	3202	AC
1005	2028	3203	Shoe_Rack
1005	2028	3204	Table_light
1005	2028	3205	Tea_Table
1005	2029	3206	Bad
1005	2029	3207	Chair
1005	2029	3208	Table
1005	2029	3209	Table_light
1005	2029	3210	Tv_Table
1005	2029	3211	Fan
1005	2029	3212	Clock
1005	2030	3213	Bad
1005	2030	3214	Chair
1005	2030	3215	Table

iii. <u>Hostel:</u>

hostel_id	hostel_name	no_of_rooms	no_of_students
1001	Kazi Nazrul Hall	5	15
1002	Jasim Uddin Hall	8	25
1003	Begun Rakeya Hall	7	20
1004	Motiur Rahman Hall	6	15
1005	Sekh Muzib Hall	9	25

iv. **Room:**

hostel_id	room_id
1001	2001
1001	2002
1001	2003
1001	2004
1001	2005
1002	2006
1002	2007
1002	2008
1002	2009
1002	2010
1002	2011
1002	2012
1002	2013
1003	2014
1003	2015
1003	2016

v. **Student:**

student_id	fname	lname	mob_no	dept	year_of_study	hostel_id	room_id
121000100	Rinku	Hasan	01543567890	CSE	1	1003	2017
121000111	Anamul	Haque	01734567892	CSE	1	1003	2017
121000115	Joynal	Abeden	01578004878	BBA	3	1003	2017
121506101	Kawsar	Hossain	01723567893	CSE	1	1005	2032
121506115	Simon	Akon	01890567893	CSE	1	1005	2032
121506125	Kabir	Haque	01578078932	CSE	1	1005	2032
122002201	Minhazul	Islam	01543564890	EEE	4	1003	2018
122002233	Minhazul	Karim	01543564890	EEE	2	1003	2018
122002235	Maqles	Mia	01478335786	EEE	4	1003	2018
122005501	Rita	Rahman	01803784497	TEX	3	1004	2021
122005505	Sanjida	Haque	01901784567	CSE	1	1004	2021
122005510	Akhi	Kajol	01503784497	CSE	3	1004	2021
123003390	Onik	Raham	01789456798	BBA	2	1004	2019
123003391	Rahman	Haque	01989456798	BBA	2	1004	2019
123003395	Niaz	Hossain	01589456798	BBA	2	1004	2019
123309824	Jalal	Chisty	01675698675	EEE	1	1005	2031

vi. **Visitor:**

visitor_id	in_time	out_time	date	name	student_id
9001	10:11:12	12:00:15	2020-03-10	Mojibor Alam	163005050
9002	08:30:20	05:00:30	2020-05-03	Akbar Mirja	191906101
9003	05:00:25	10:30:30	2020-05-12	Rahmat Ali	121506125
9004	01:15:45	05:32:03	2020-06-01	Ratan Mia	172305929
9005	03:20:45	06:35:07	2020-06-11	Jinnat Khondokar	183306824
9006	02:15:32	08:12:06	2020-06-15	Yasin Khan	183306856
9007	11:20:35	08:15:09	2020-06-17	Sagor Biswas	123309898
9008	12:10:55	06:40:08	2020-06-20	Rivan Jommader	172305935
9009	10:11:55	05:35:08	2020-06-25	Kholilur Rahman	193003055
9010	09:45:50	10:55:07	2020-06-29	Abdus Sobhan	161103041

3. **Student in room(2015-2020) from student table:**

By using **Between** keyword here I have found all student in room_id 2015-2020.

Showing rows 0 - 17 (18 total, Query took 0.0586 seconds.)

```
SELECT * FROM student WHERE room_id BETWEEN 2015 AND 2020
```

Profiling [Edit inline] [Edit] [Expl

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	student_id	fname	lname	mob_no	dept	year_of_study	hostel_id	room_id
Edit Copy Delete	172406500	Zinnat	Khan	01721567890	TEX	4	1003	2015
Edit Copy Delete	172406501	Karim	Mia	01894675489	TEX	4	1003	2015
Edit Copy Delete	172406502	Zilani	Hossen	01934675432	TEX	4	1003	2015
Edit Copy Delete	163406500	Sourav	Khan	01845679043	EEE	1	1003	2016
Edit Copy Delete	163406501	Mohammad	Monirujjaman	01765788554	EEE	4	1003	2016
Edit Copy Delete	163406502	Mahmudul	Hasan	01867989041	CSE	2	1003	2016
Edit Copy Delete	121000100	Rinku	Hasan	01543567890	CSE	1	1003	2017
Edit Copy Delete	121000111	Anamul	Haque	01734567892	CSE	1	1003	2017
Edit Copy Delete	121000115	Joynal	Abeden	01578004878	BBA	3	1003	2017
Edit Copy Delete	122002201	Minhazul	Islam	01543564890	EEE	4	1003	2018
Edit Copy Delete	122002233	Minhazul	Karim	01543564890	EEE	2	1003	2018
Edit Copy Delete	122002235	Maqles	Mia	01478335786	EEE	4	1003	2018
Edit Copy Delete	123003390	Onik	Raham	01789456798	BBA	2	1004	2019

Console

4. **<u>First 10 students in hostel:</u>**

Order by keyword shows us in ascending and descending order. Here I have used ascending order and limit 10 to shows the first 10 student in hostel by their student_id.

Showing rows 0 - 9 (10 total, Query took 0.0004 seconds.) [student_id: **121000100... - 122005501...**]

```
SELECT * FROM student ORDER BY student_id ASC LIMIT 10
```

Profiling [Edit inline] [Edit] [E

+ Options

	student_id	fname	lname	mob_no	dept	year_of_study	hostel_id	room_id
Edit Copy Delete	121000100	Rinku	Hasan	01543567890	CSE	1	1003	2017
Edit Copy Delete	121000111	Anamul	Haque	01734567892	CSE	1	1003	2017
Edit Copy Delete	121000115	Joynal	Abeden	01578004878	BBA	3	1003	2017
Edit Copy Delete	121506101	Kawsar	Hossain	01723567893	CSE	1	1005	2032
Edit Copy Delete	121506115	Simon	Akon	01890567893	CSE	1	1005	2032
Edit Copy Delete	121506125	Kabir	Haque	01578078932	CSE	1	1005	2032
Edit Copy Delete	122002201	Minhazul	Islam	01543564890	EEE	4	1003	2018
Edit Copy Delete	122002233	Minhazul	Karim	01543564890	EEE	2	1003	2018
Edit Copy Delete	122002235	Maqles	Mia	01478335786	EEE	4	1003	2018
Edit Copy Delete	122005501	Rita	Rahman	01803784497	TEX	3	1004	2021

5. **<u>Total Student in Hostel:</u>**

Count aggregate function are used to perform counting total tuples in a table. Here I have found total 100 student in our STUDENT table.

Your SQL query has been executed successfully.

```
SELECT COUNT(student_id) AS 'Total_student' FROM student
```

+ Options

Total_student
100

6. **Students in a room:**

A particular room how much student are consist are found by using **Count** aggregate function and **Group By** keyword.

```
SELECT room_id AS 'Room_No', COUNT(*) FROM student GROUP BY room_id
```

1 > >> | Show all | Number of rows: 25

+ Options

Room_No	COUNT(*)
2001	3
2002	3
2003	3
2004	3
2005	3
2006	4
2007	3
2008	3
2009	3
2010	3
2011	3
2012	3
2013	3
2014	2
2015	3
2016	3
2017	3

7. **Finding visitors:**

Here I have list out the visitors and the date when he/s has visited the Hostel. Those are found by using Inner Join with STUDENT & VISITOR table.

Showing rows 0 - 9 (10 total, Query took 0.0399 seconds.)

```
SELECT a.student_id, a.fname AS 'Student', b.name AS 'Visitor', b.date FROM student AS a INNER JOIN visitor AS b ON a.student_id = b.student_id
```

Profiling [Edit inline] [Edit] [Expl

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

student_id	Student	Visitor	date
163005050	Rani	Mojibor Alam	2020-03-10
191906101	Manik	Akbar Mirja	2020-05-03
121506125	Kabir	Rahmat Ali	2020-05-12
172305929	Rivan	Ratan Mia	2020-06-01
183306824	Hokon	Jinnat Khondokar	2020-06-11
183306856	Nirjor	Yasin Khan	2020-06-15
123309898	Eyasin	Sagor Biswas	2020-06-17
172305935	Nijam	Rivan Jommader	2020-06-20
193003055	Kajol	Kholilur Rahman	2020-06-25
161103041	Nupur	Abdus Sobhan	2020-06-29

8. Student Name starting with ‘a’:

Showing rows 0 - 10 (11 total, Query took 0.0006 seconds.)

```
SELECT * FROM student WHERE fname LIKE 'a%'
```

Profiling [Edit inline] [Edit

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	student_id	fname	lname	mob_no	dept	year_of_study	hostel_id	room_id
Edit Copy Delete	121000111	Anamul	Haque	01734567892	CSE	1	1003	2017
Edit Copy Delete	122005510	Akhi	Kajol	01503784497	CSE	3	1004	2021
Edit Copy Delete	161000504	Azmir	Hossen	01770093210	CSE	1	1001	2002
Edit Copy Delete	161906156	Amit	Pramanik	01856423178	CSE	3	1005	2033
Edit Copy Delete	172000310	Aslam	Mollah	01820703151	CSE	2	1001	2003
Edit Copy Delete	173022014	Alif	Mirza	01432433352	BBA	3	1002	2007
Edit Copy Delete	181002212	Akram	Khan	01711168945	BBA	2	1002	2011
Edit Copy Delete	183000200	Arif	Sikder	01550551120	BBA	3	1001	2002
Edit Copy Delete	183060339	Al	Mamun	01933425678	CSE	3	1004	2020
Edit Copy Delete	191000001	Aminur	Rahman	01710003321	CSE	1	1001	2001
Edit Copy Delete	191306832	Amir	Hossain	01534768952	CSE	2	1005	2027

9. Find the Student names with ‘an’:

Showing rows 0 - 17 (18 total, Query took 0.0006 seconds.)

```
SELECT *FROM student WHERE fname LIKE '%an%'
```

Profiling [Edit inline] [Edit]

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	student_id	fname	lname	mob_no	dept	year_of_study	hostel_id	room_id
Edit Copy Delete	121000111	Anamul	Haque	01734567892	CSE	1	1003	2017
Edit Copy Delete	122005505	Sanjida	Haque	01901784567	CSE	1	1004	2021
Edit Copy Delete	123003391	Rahman	Haque	01989456798	BBA	2	1004	2019
Edit Copy Delete	162009001	Nirzan	Akon	01521334130	BBA	1	1001	2004
Edit Copy Delete	162506065	Tamanna	Akter	01715307044	TEX	4	1004	2025
Edit Copy Delete	163005050	Rani	Mondal	01789274584	CSE	2	1004	2023
Edit Copy Delete	172000304	Sobhan	Amir	01711051131	EEE	2	1001	2002
Edit Copy Delete	172305929	Rivan	Jomadder	01590679023	CSE	4	1005	2029
Edit Copy Delete	172406502	Zilani	Hossen	01934675432	TEX	4	1003	2015
Edit Copy Delete	183021004	Rana	Hossain	01711456789	CSE	2	1002	2006
Edit Copy Delete	191000003	Sohan	Ahamed	01991103104	CSE	1	1001	2001
Edit Copy Delete	191000030	Imran	Hossen	01510903793	TEX	1	1001	2005
Edit Copy Delete	191002100	Mizanur	Rahman	01803789495	CSE	3	1003	2014

10. <u>All Student except Room 2006 - 2035:</u>

Here I have listed the students who is not between room_id 2006-2035 by using **Not Between** keyword.

Showing rows 0 - 14 (15 total, Query took 0.0508 seconds.)

```
SELECT * FROM student WHERE room_id NOT BETWEEN 2006 AND 2035
```

Profiling [Edit inline] [Edit

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	student_id	fname	lname	mob_no	dept	year_of_study	hostel_id	room_id
Edit Copy Delete	191000001	Aminur	Rahman	01710003321	CSE	1	1001	2001
Edit Copy Delete	191000002	Razzak	Hossain	01820003511	CSE	1	1001	2001
Edit Copy Delete	191000003	Sohan	Ahamed	01991103104	CSE	1	1001	2001
Edit Copy Delete	161000504	Azmir	Hossen	01770093210	CSE	1	1001	2002
Edit Copy Delete	172000304	Sobhan	Amir	01711051131	EEE	2	1001	2002
Edit Copy Delete	183000200	Arif	Sikder	01550551120	BBA	3	1001	2002
Edit Copy Delete	171000100	Hridoy	Khan	01830042215	EEE	2	1001	2003
Edit Copy Delete	171000711	Rinku	Chowdory	01710403811	TEX	4	1001	2003
Edit Copy Delete	172000310	Aslam	Mollah	01820703151	CSE	2	1001	2003
Edit Copy Delete	162000001	Tonmoy	Chowdory	01910104352	CSE	3	1001	2004
Edit Copy Delete	162009001	Nirzan	Akon	01521334130	BBA	1	1001	2004
Edit Copy Delete	182003001	Mirza	Akber	01563009635	CSE	3	1001	2004

11. <u>Filter using AND operation:</u>

Showing rows 0 - 2 (3 total, Query took 0.0358 seconds.)

```
SELECT * FROM student WHERE hostel_id = 1002 AND room_id = 2007
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP c

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	student_id	fname	lname	mob_no	dept	year_of_study	hostel_id	room_id
Edit Copy Delete	173022013	Biplop	Khan	01312445342	BBA	3	1002	2007
Edit Copy Delete	173022014	Alif	Mirza	01432433352	BBA	3	1002	2007
Edit Copy Delete	173022015	Nikit	Pal	01143990367	BBA	3	1002	2007

12. Filter CSE Dept students:

Showing rows 0 - 24 (48 total, Query took 0.0009 seconds.)

```
SELECT * FROM student WHERE dept = 'CSE'
```

Profiling [Edit inline] [Edit] [

1 > >> | Show all | Number of rows: 25 Filter rows: Search this table Sort by key: No

+ Options

←T→	student_id	fname	lname	mob_no	dept	year_of_study	hostel_id	room_id
Edit Copy Delete	121000100	Rinku	Hasan	01543567890	CSE	1	1003	2017
Edit Copy Delete	121000111	Anamul	Haque	01734567892	CSE	1	1003	2017
Edit Copy Delete	121506101	Kawsar	Hossain	01723567893	CSE	1	1005	2032
Edit Copy Delete	121506115	Simon	Akon	01890567893	CSE	1	1005	2032
Edit Copy Delete	121506125	Kabir	Haque	01578078932	CSE	1	1005	2032
Edit Copy Delete	122005505	Sanjida	Haque	01901784567	CSE	1	1004	2021
Edit Copy Delete	122005510	Akhi	Kajol	01503784497	CSE	3	1004	2021
Edit Copy Delete	161000504	Azmir	Hossen	01770093210	CSE	1	1001	2002
Edit Copy Delete	161002260	Eva	Jahan	01578709080	CSE	4	1004	2026
Edit Copy Delete	161002261	Sharmin	Akter	01578710070	CSE	4	1004	2026
Edit Copy Delete	161103041	Nupur	Hawlader	01567897643	CSE	4	1004	2024
Edit Copy Delete	161103042	Kajol	Halder	01834567809	CSE	4	1004	2024

13. Total furniture list:

Here I'm counted the total furniture in the hostel using **Group By** keyword and **Count** aggregate function.

Showing rows 0 - 4 (5 total, Query took 0.0005 seconds.)

```
SELECT hostel_id, COUNT(*) AS 'Total_furniture' FROM furniture GROUP BY hostel_id
```

Show all | Number of rows: 25 Filter rows: Search this tabl

+ Options

hostel_id	Total_furniture
1001	35
1002	61
1003	50
1004	45
1005	62

5. EVALUATION:

I'm tried to completed this project using XAMPP Control Panel and also using SQL Server.

6. LIMITATION:

- I have completed 80% part of our project.
- I didn't build up any software package for the users.

7. DISCUSSION:

This hostel management system is designed for universities and colleges where can easily manage the data of students and related things. For the best understanding first, we have to define the project scope or the scenario because the different problems can be solved with different designs and more than one scenario can be created for each problem. People design them according to their thinking. I am also creating some type of scenario so that our design can be a bit specific for some kind of situation.