

DBMS LAB PROJECT

SUBMITTED BY:

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YEAR-2014

THE FOLLOWING PDF CONTAINS

PART A: THE INITIAL PPT

PART B: THE TABLE LIST

PART C: THE SRS

PART D: THE E-R DIGRAM

PART A:

THE INITAIL PPT

DBMS PROJECT IDEA

-Sarah K, Sarah M, Sultana

THEME:

GIRLS HOSTEL MANAGEMENT SYSTEM

An online portal to store,review various information regarding the 4 girls hostel in JMI.

LEVELS OF ABSTRACTION:

- Admin/Provost
- care-taker/warden
- Student

The one at top can view all list available to the ones below it.

LIST OF TABLES REQUIRED:

- 1. Hostel wise students list**
- 2. student wise information**
- 3. Add students/remove student**
- 4. Vacant seats list**
- 5. Employee list**
- 6. Complaints section**
- 7. Visitors list**

(each of the above is discussed in detail in subsequent slides)

LOGIN AS



- Student
- Warden
- Admin



Student ID
Password



Employee ID
Password



Admin ID
Password

[HOME PAGE](#)

STUDENT'S VIEW

PART I

Name:
Student's id:
Course:
Year:
Contact
(personal):
Nationality:
Blood group:

PART II

Father's Name:
Contact:(office)
Contact:(personal)
Mother's Name:
Contact:(office)
Contact:(personal)
Permanent
address:
Local Guardian 1
Name:
Address:
Contact:
Relation:
Local guardian 2
Name:
Address:
Contact:
Relation:

PART III

Hostel:
Room No:
Late nights:
(when and total)
Leaves:(when and
total)

Part IV

Warden's review:

PART V: REMOVE

- A **STUDENT** can **EDIT ONLY PART I and II**
- **WARDEN** can **EDIT ONLY PART III and IV**
- **ADMIN EDITS ALL PARTS.**

WARDEN'S VIEW:

GRIEVANCES LIST:

Complaint No.	Made_By	Complaint	Review
1.			
2.			

VISITORS LIST:

S.NO	Name	To_visit	Relation	Day	Duration
1.					
2.					

HOSTEL WISE LIST:

-Upon selecting one of the hostels we get the list below. On clicking the stud. Id we get the complete profile of each student.

HOSTEL NAME:

S NO.	STU. NAME	ROOM NO.	STU. ID
1.			
2.			

VACANCY LIST:

S.NO	Hostel	Room no.	vacant bed/s
1.			

ADMIN'S VIEW

ADD STUDENT:

Takes us to an empty students view.

REMOVE STUDENT:

- Takes us to students view where option to remove is given.
- This auto updates the vacancy list.

EMPLOYEE DETAILS:

Part I

Name:
Designation:
Highest qualification:
Employed since:
Contract end on:
Local address:
Permanent address:
Contact:
E-mail:

Part II
REMOVE

PART B:
THE TABLES LIST

1. HOSTEL_TABLE:

Hostel_id	Hostel_name
(primary key)	

2. WARDEN_TABLE:

Employee_id	Employee_name	Dept.
P.K		

3. ROOMS_TABLE:

Student_id	Room_no	Hostel_id	Seat_no	Available
	P.K	P.K	P.K	

4. LEAVE_TABLE:

Student_id	From	Until	Reason
(foreign key)			

5. LATE_NIGHT_TABLE:

Student_id	Reason	Month	Day
(foreign key)			

6. COMPLAINTS_TABLE:

Made_By	Complaint_No	Problem
(FK OF STU_id)	(P.K)	

7. LOCAL_GAURDIAN_TABLE:

Student_id	LG_id	LOG_name	LOG_address	LOG_contact	LOG_office	LOG_off_contact	LOG_gender	LOG_relation
F.K (primary key set)	(primay key_set)							

8.VISITORS_TABLE:

Student_id	Visitor_name	visitor_contact	Purpose	Date
(F.K)				

9. COMPLAINTS_TABLE:

MADE_BY	MADE_AGAINST	COMP_NO	ISSUE
F.K	F.K	P.K	

10. EMPLOYEE TABLE:

Emp_id	Emp_name	Emp_contact	Emp_email	Emp_address	occupation	emp_since	emp_until

11. STUDENT_TABLE:

[illegible]

PART C:

THE SRS

VIEWS/PERMISSIONS

FOR STUDENTS

STUDENT CAN:

1. View his personal details.
2. View the count of late night, leaves she has taken
3. View hostel wise vacancy list.
4. Can add grievances against hostel services.
5. Calculate her mess fee refund.
6. View latest hostel notification.

STUDENT CANNOT:

1. Edit his information.
2. See who has made complaints against him.
3. View the employee details.

FOR WARDENS/CARETAKERS

WARDEN/CARE_TAKER CAN:

1. View hostel wise students list.
2. Add late nights, leave applications.
3. view vacancy list.
4. View own employee information.
5. View State/region wise list of student.
6. View the blood group wise list of students.
7. View the total late night and total leave listing.

WARDEN/CARETAKER CANNOT:

1. Edit students profile.
2. View the details of other employee.
3. Edit his employee information.
4. Add/remove any student or employee.

FOR ADMIN/PROVOST

ADMIN/PROVOST CAN:

1. Add/remove student.
2. Add/remove employee.
3. View and edit any student or employee.
4. View the visitors list, complaints list, grievance list and make updates in them.
5. Update the complaint list from pending to reviewed.
6. View hostel vice vacancy.

THE PROJECT WAS BUILD USING:

FRONT END:

**HTML 5
BOOT STRAP 3**

BACKEND:

**MySQL 5.5.40
PHP 3
PHP mydmin 3.4.10**

HOSTING:

Localhost via UNIX socket

WEB SERVER:

**LAMP STACK
Apache/2.2.22 (Ubuntu)**

TESTED ON:

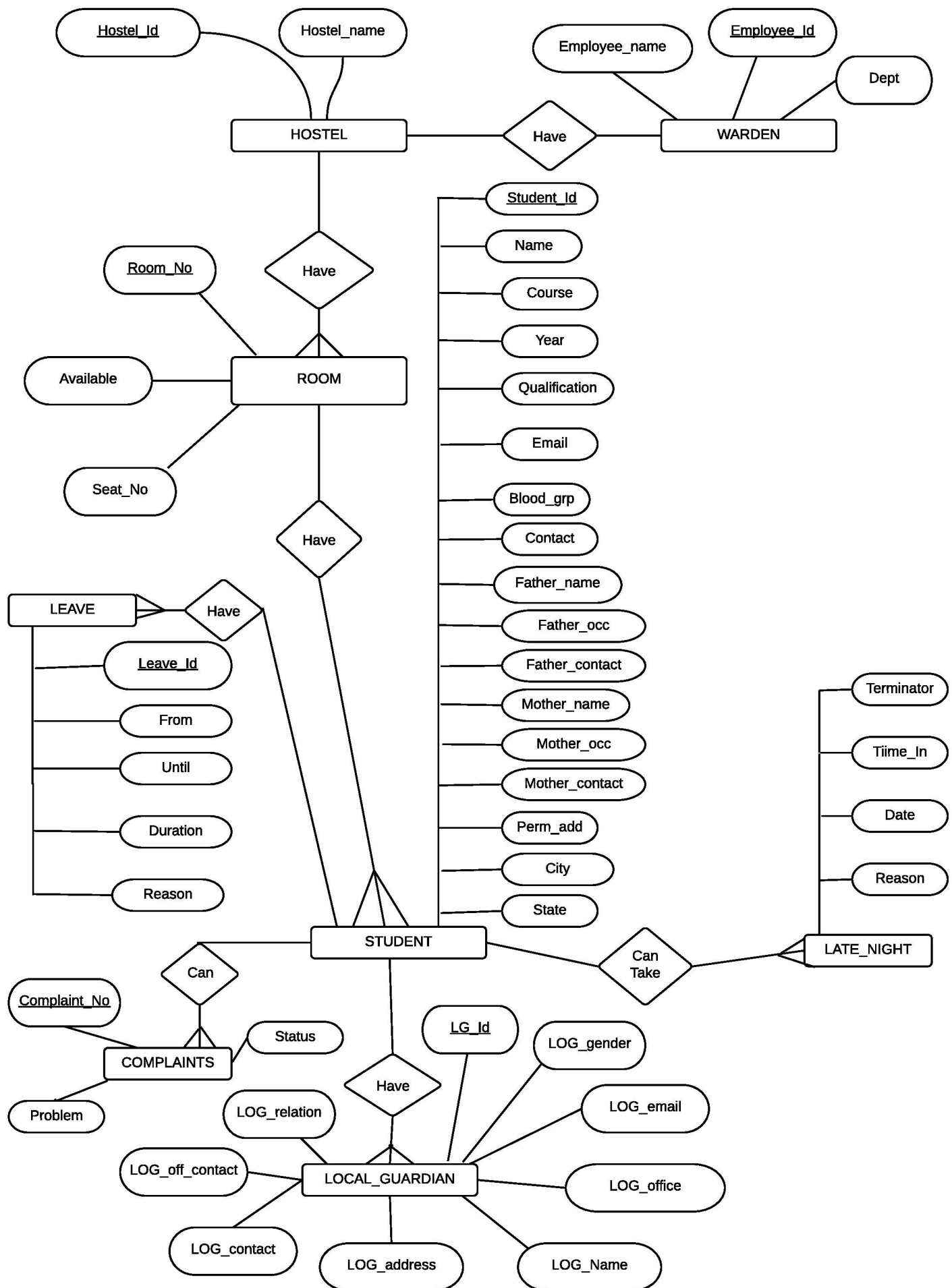
**GOOGLE CHROME
MOZILLA FIREFOX**

SYSTEMS TESTED ON:

**UBUNTU 12.4 LTS
MINT**

PART D:

THE E-R MODEL



END