

CAMPUS HOUSING MANAGEMENT SYSTEM

UNIVERSITY OF DAYTON

TEAM MEMBERS

VENKATESHWARLU KOMURAVELLY

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YASHWANTH MORE








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INTRODUCTION

- Campus Housing management system is a dynamic web application which provides information about all students who reserved rooms in residence.
- Students, Employees, Admins can access the application by providing credentials.
- Admin has the all privileges to access the database. Student, Employee has restricted access.
- The special feature of this application is to let students know about their information regarding attendance, meal plan, payments and Billing.
- It uses PHP language as server side scripting. Which connects UI(developed in HTML5) with MySQL Database.
- UI is strong enough to change the details which will reflect automatically in database(using PHP) for certain tables with proper access.

TABLES





Student Info
 Userid: Integer
 Student id: Integer
 phone numebr: Integer
 Address: String
 Email id: String
 gender: String
 name: String

Employee
 Emp id: Integer
 Address: String
 Block number: Integer
 Phone number: Integer
 designation: String
 Date of birth: Date
 Employee Type: String
 Salary: Integer




Blocks
 Block id: Integer
 Blockname: String
 Block number: Integer
 description: Integer

TABLES






Rooms

-  room id: Integer
-  room number: Integer
-  block id: Integer
-  number of seats: Integer

Deposit





-  Amount: Integer
-  Deposit Date: Date
-  user id: Integer

Attendance

-  Userid: Integer
-  date: Date
-  isabsence: Boolean
-  is leave: Boolean
-  remark: String

TABLES





Seat allocation

 user id: Integer
 block no: Integer
 room number: Integer
 Monthly Payment: Integer

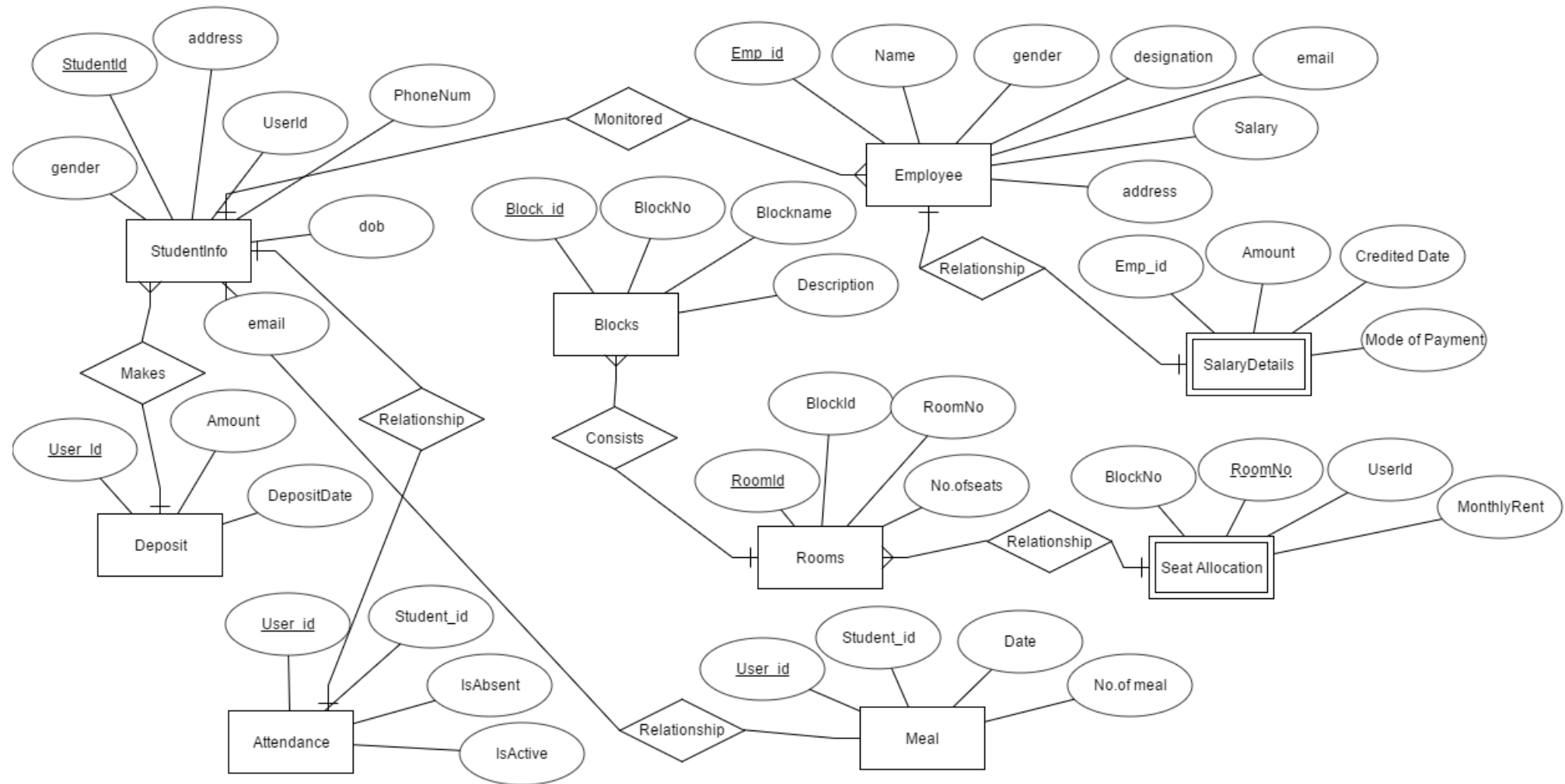
Meal

 user id: Integer
 date: Date
 number of meal: Int

salary

 employee id: Integer
 amount: Integer
 added date: Date
 modeofpayment: String

ENTITY RELATIONSHIP DIAGRAM



RELATIONSHIPS

- One to one relationship
- One to many relationship
- Many to many relationship

WEAK ENTITY

- Seat allocations
- Salary Details

RELATIONAL DATABASE SCHEMA

- Student info(Userid, studentid, phonenumber, Email, Address,gender)
- Employee(EmpId,EmpName,gender, Address, phonenumber, designation, dob, address, Employee_Type)
- Blocks(Blockid, Blockname, Blocknumber, description)
- Rooms(Roomid, Roomnumber, blockid, no.of seats)
- Deposit (Userid, Amount,Deposit Date)

RELATIONAL DATABASE SCHEMA

- Attendance(Userid, Date, isabsent, isleave, remark)
- SeatAllocation(Userid, block no, roomnumber,MonthlyPayment)
- Meal(Userid, Date,no.ofmeal)
- SalaryDetails(Employee_Id, Amount, Added Date, Mode_of_payment,)
- Users(user_id, username, password, firstname, lastname, status)

QUERIES

- `SELECT a.serial,b.name,a.date,a.isAbsence ,a.isLeave,a.remark FROM attendance as a,studentinfo as b where a.userId=b.userId;`

```
SELECT a.serial,b.name,a.date,a.isAbsence ,a.isLeave,a.remark FROM attendance as a,studentinfo as b where a.userId=b.userId
```

[\[Edit inline \]](#)☐

Show all

Number of rows:

25



















Filter rows:

+ Options

serial	name	date	isAbsence	isLeave	remark
17	K.Venky	2017-04-20	No	No	Self
18	K.Venky	2017-04-19	No	No	nns
23	K.Venky	2017-04-06	NO	NO	ref
19	M.Yashwanth	2017-04-02	NO	NO	self
20	A.Bhanu	2017-04-03	NO	YES	nns
22	B.Tharun	2017-04-05	YES	NO	clr
21	R.Jagan	2017-04-04	YES	YES	ref
24	R.Jagan	2017-04-07	YES	YES	self

WEB-INTERFACE

Employee Manage <	Show 10 entries					Search: <input type="text"/>
\$ Vendor Payment <	Name ▲	Attend Date ⬆	Is Absence ⬆	Is Leave ⬆	Remark ⬆	Action ⬆
Bill Manage <	A.Bhanu	03/04/2017	NO	YES	nns	 
Notice Board <	B.Tharun	05/04/2017	YES	NO	clr	 
Setting <	K.Venky	20/04/2017	No	No	Self	 
Setup <	K.Venky	19/04/2017	No	No	nns	 
	K.Venky	06/04/2017	NO	NO	ref	 
	M.Yashwanth	02/04/2017	NO	NO	self	 
	R.Jagan	04/04/2017	YES	YES	ref	 
	R.Jagan	07/04/2017	YES	YES	self	 

QUERIES

- `SELECT a.serial,b.name,a.noOfMeal,DATE_FORMAT(a.date,'%D %M,%Y') as mealDate FROM meal as a,studentinfo as b where a.userId=b.userId and b.isActive='Y';`

```
SELECT a.serial,b.name,a.noOfMeal,DATE_FORMAT(a.date, '%D %M,%Y') as mealDate FROM meal as a,studentinfo as b where a.userId=b.userId and b.isActive='Y'
```

[\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#)

☐ Show all

Number of rows:

25


Filter rows:

Search this table


+ Options

serial	name	noOfMeal	mealDate
10	K.Venky	2	20th April,2017
9	M.Yashwanth	3	19th April,2017
6	A.Bhanu	4	10th April,2017
5	B.Tharun	6	12th April,2017
7	R.Jagan	5	12th April,2017

WEB-INTERFACE

UNIVERSITY of
DAYTON

Hostel Management System



Dashboard

Attendance

Meal Manage

Add New

List View

Cost Manage

Students Manage

Students Payment

Employee Manage

Vendor Payment

Bill Manage

Notice Board

Setting











Meal List

Hostel Meal List View

Showing 1 to 5 of 5 entries

Search:

Show 10 entries

Name	No Of Meal	Date	Action
A.Bhanu	4	10th April,2017	 
B.Tharun	6	12th April,2017	 
K.Venky	2	20th April,2017	 
M.Yashwanth	3	19th April,2017	 
R.Jagan	5	12th April,2017	 

Showing 1 to 5 of 5 entries

Previous

1

Next

QUERIES

- `SELECT a.serial,b.name,a.amount,DATE_FORMAT(a.depositDate,'%D %M,%Y') as date from deposit as a, studentinfo as b where a.userId = b.userId and b.isActive='Y';`

```
.....  
SELECT a.serial,b.name,a.amount,DATE_FORMAT(a.depositDate, '%D %M,%Y') as date from deposit as a, studentinfo as b where a.userId = b.userId and b.isActive='Y'  
.....
```


[Edit inline] [Edit] [Explain SQL] [Create]

☐ Show all | Number of rows: 25 ▼ Filter rows:

+ Options

serial	name	amount	date
6	K.Venky	6000.00	20th April,2017
7	M.Yashwanth	5500.00	20th April,2017
4	B.Tharun	5200.00	8th April,2017
5	R.Jagan	5623.00	6th April,2017

WEB-INTERFACE



Hostel Management System

Dashboard

Attendance

Meal Manage

Cost Manage

Students Manage

- Admission
- Student List
- Deposit
- Seat Allocation

Students Payment

Employee Manage

Vendor Payment

Bill Manage

Notice Board

Setting

Deposit

Meal Money Deposit

Student Name

K.Venky

Amount

i

Amount

Save

Show 10 entries

Name	Amount	Deposit Date
B.Tharun	5200.00	8th April,2017
K.Venky	6000.00	20th April,2017
M.Yashwanth	5500.00	20th April,2017
R.Jagan	5623.00	6th April,2017

QUERIES

- `SELECT empId,name,empType,salary FROM employee where empId='EMP002'and isActive='Y';`

```
SELECT empId,name,empType,salary FROM employee where empId='EMP002'and isActive='Y'
```

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

+ Options

	empId	name	empType	salary
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	EMP002	Mrs. Meghan	Attendent	2345.00

- `UPDATE employee set salary=10000 WHERE empId='EMP002' AND name='Mrs.Meghan';`

✓ 1 row affected. (Query took 0.0013 seconds.)

```
UPDATE employee set salary=10000 WHERE empId='EMP002' AND name='Mrs.Meghan'
```

```
SELECT empId,name,empType,salary FROM employee where empId='EMP002'and isActive='Y'
```

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

+ Options

	empId	name	empType	salary
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	EMP002	Mrs. Meghan	Attendent	10000.00

QUERIES

- `SELECT a.serial,b.name,a.transDate,a.paymentBy ,a.transNo,a.amount,a.remark,a.isApprove FROM stdpayment as a,studentinfo as b where a.userId=b.userId;`

```
.....  
SELECT a.serial,b.name,a.transDate,a.paymentBy ,a.transNo,a.amount,a.remark,a.isApprove FROM stdpayment as a,studentinfo as b where a.userId=b.userId
```

[\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#)

☐ Show all

Number of rows:

25 ▼

Filter rows:

+ Options

serial	name	transDate	paymentBy	transNo	amount	remark	isApprove
3	K.Venky	2017-02-26	DPNL	+8801755305154	4000.00	Feb,2017 Bill	Yes
4	M.Yashwanth	2015-02-27	Bank	DD-4556	5500.00	test	Yes
5	A.Bhanu	2017-04-17	PayPal	0185236974	2000.00	all cost rent meal,net,tv	Yes
6	B.Tharun	2017-04-05	VECTRAN	526203856	5600.00	Gas Bill	YES

QUERIES

- `SELECT a.billId,b.name,sum(a.amount) as amount,DATE_FORMAT(a.billingDate,'%D %M,%Y') as date from billing as a,studentinfo as b where a.billTo=b.userId and b.isActive='Y' group by billId;`

```
SELECT a.billId,b.name,sum(a.amount) as amount,DATE_FORMAT(a.billingDate,'%D %M,%Y') as date from billing as a,studentinfo as b where a.billTo=b.userId and b.isActive='Y' group by billId
```

[\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refre](#)

☐ Show all | Number of rows: 25 ▼ Filter rows:

+ Options

billId	name	amount	date
BIL007	K.Venky	360.00	27th February,2015
BIL008	M.Yashwanth	300.00	27th February,2015
BIL009	M.Yashwanth	6000.00	17th April,2015
BIL010	A.Bhanu	320.00	5th April,2017

QUERIES

- `SELECT * FROM blocks where description like '%North%';`

```
SELECT * FROM blocks where description like '%North%'
```

☐ Show all | Number of rows: 25 ▼ | Filter rows:

+ Options

	blockId	blockNo	blockName	description	isActive
<input type="checkbox"/> Edit Copy Delete	BL004	BL-01	First Block	North Part Of the colony	Y

THANK YOU