

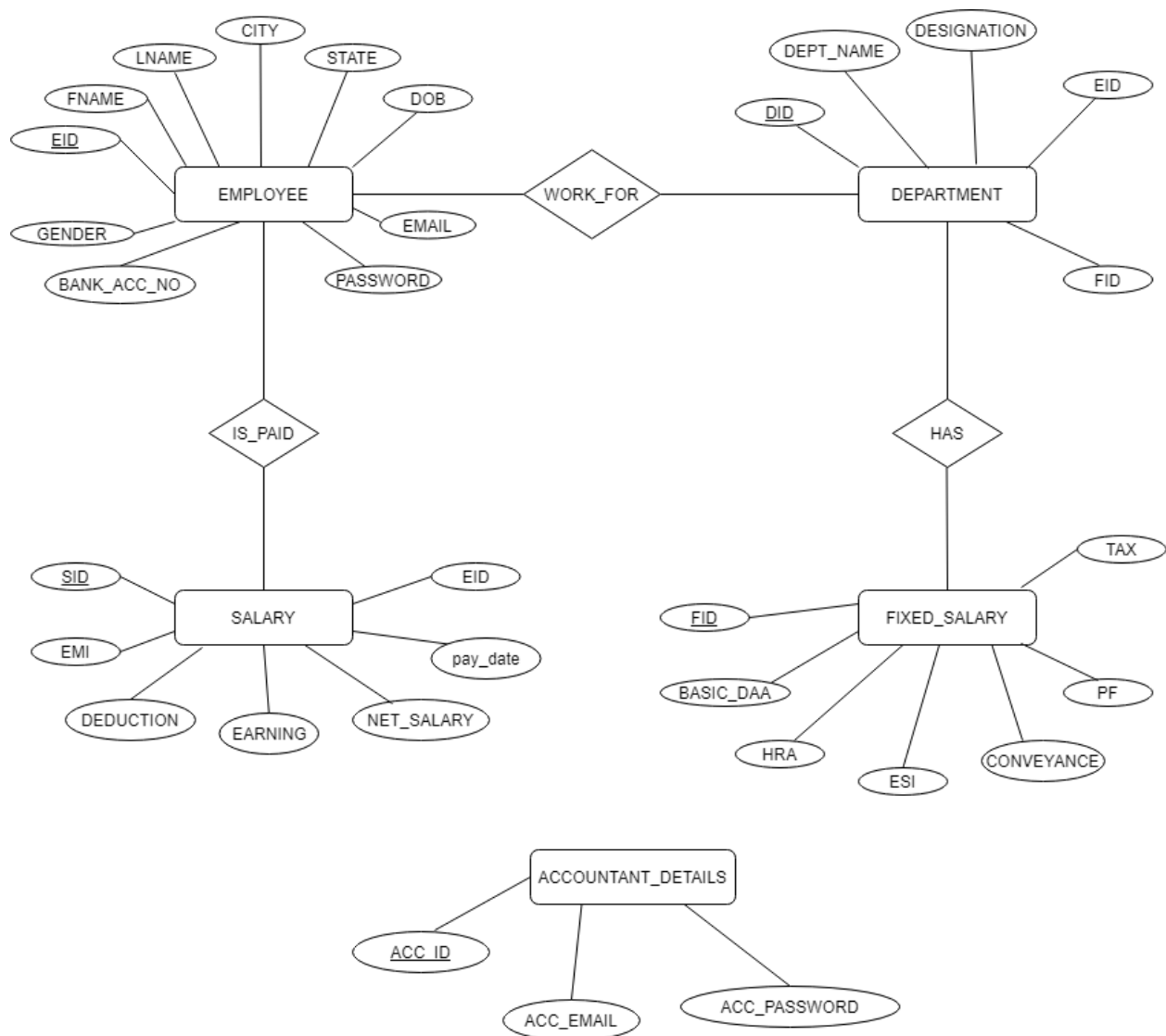
ROLL NO: 1953

NAME: RUSHIKESH RAMDAS SAWANT MANDREKAR.

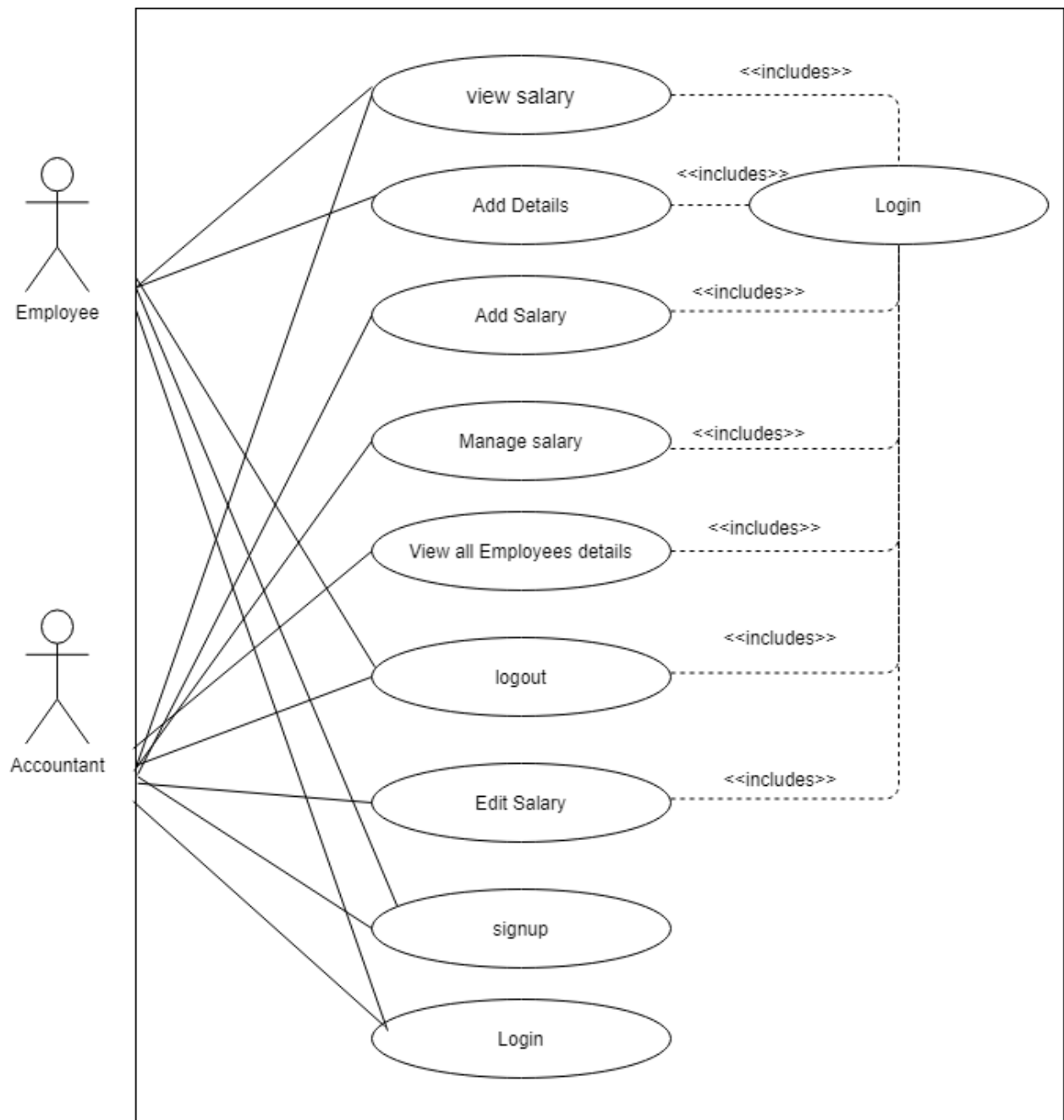
SALARY MANAGEMENT SYSTEM.

This system is developed for a company so that the employees can check their salaries whenever they want .It also helps reduce the work of the accountant since the process is faster then manually doing the calculations and writing pay slips .

ERD



USECASE DIAGRAM



DATABASE QUERIES IN PHPMYADMIN

-- Database: `salarymanagementsytem2`

-- -----

Table structure for table `accountant_details`

```
CREATE TABLE `accountant_details` (  
  `ACC_ID` int(11) NOT NULL,  
  `ACC_EMAIL` varchar(300) NOT NULL,  
  `ACC_PASSWORD` varchar(300) NOT NULL  
);
```

-- -----

-- Table structure for table `department`

```
CREATE TABLE `department` (  
  `DID` int(11) NOT NULL,  
  `DEPT_NAME` varchar(50) DEFAULT NULL,  
  `DESIGNATION` varchar(50) DEFAULT NULL,  
  `EID` int(11) DEFAULT NULL,  
  `FID` int(11) DEFAULT NULL  
);
```

-- -----

--

-- Table structure for table `employee`

```
CREATE TABLE `employee` (  
  `EID` int(11) NOT NULL,  
  `FNAME` varchar(100) DEFAULT NULL,  
  `LNAME` varchar(40) DEFAULT NULL,  
  `CITY` varchar(40) DEFAULT NULL,  
  `STATE` varchar(40) DEFAULT NULL,  
  `DOB` date DEFAULT NULL,  
  `EMAIL` varchar(100) NOT NULL,  
  `PASSWORD` varchar(250) DEFAULT NULL,
```

```
`BANK_ACC_NO` bigint(100) DEFAULT NULL,  
`GENDER` varchar(20) DEFAULT NULL  
);
```

```
-----
```

```
--
```

```
-- Table structure for table `fixed_salary`
```

```
--
```

```
CREATE TABLE `fixed_salary` (  
  `FID` int(11) NOT NULL,  
  `BASIC_DAA` int(11) DEFAULT NULL,  
  `HRA` int(11) DEFAULT NULL,  
  `ESI` int(11) DEFAULT NULL,  
  `CONVEYANCE` int(11) DEFAULT NULL,  
  `PF` int(11) DEFAULT NULL,  
  `TAX` int(11) DEFAULT NULL  
);
```

```
-----
```

```
--
```

```
-- Table structure for table `salary`
```

```
--
```

```
CREATE TABLE `salary` (  
  `SID` int(11) NOT NULL,  
  `EMI` int(11) DEFAULT NULL,  
  `DEDUCTION` int(11) DEFAULT NULL,  
  `EARNING` int(11) DEFAULT NULL,  
  `NET_SALARY` int(11) DEFAULT NULL,  
  `pay_date` date NOT NULL,  
  `EID` int(11) NOT NULL  
);
```

```
--
```

```
-- Indexes for table `accountant_details`
```

```
--
```

```
ALTER TABLE `accountant_details`  
  ADD PRIMARY KEY (`ACC_ID`);
```

```
--
```

```

-- Indexes for table `department`
--
ALTER TABLE `department`
  ADD PRIMARY KEY (`DID`),
  ADD UNIQUE KEY `EID_2` (`EID`),
  ADD KEY `EID` (`EID`),
  ADD KEY `department_ibfk_2` (`FID`);

--
-- Indexes for table `employee`
--
ALTER TABLE `employee`
  ADD PRIMARY KEY (`EID`,`EMAIL`),
  ADD UNIQUE KEY `EMAIL` (`EMAIL`),
  ADD UNIQUE KEY `BANK_ACC_NO` (`BANK_ACC_NO`);

--
-- Indexes for table `fixed_salary`
--
ALTER TABLE `fixed_salary`
  ADD PRIMARY KEY (`FID`);

--
-- Indexes for table `salary`
--
ALTER TABLE `salary`
  ADD PRIMARY KEY (`SID`),
  ADD KEY `EID` (`EID`);

--
-- AUTO_INCREMENT for table `accountant_details`
--
ALTER TABLE `accountant_details`
  MODIFY `ACC_ID` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=3;

--
-- AUTO_INCREMENT for table `department`
--
ALTER TABLE `department`
  MODIFY `DID` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=62;

--
-- AUTO_INCREMENT for table `employee`

```

```

--
ALTER TABLE `employee`
  MODIFY `EID` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=21;

--
-- AUTO_INCREMENT for table `fixed_salary`
--
ALTER TABLE `fixed_salary`
  MODIFY `FID` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=10;

--
-- AUTO_INCREMENT for table `salary`
--
ALTER TABLE `salary`
  MODIFY `SID` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=121;

--
-- Constraints for table `department`
--
ALTER TABLE `department`
  ADD CONSTRAINT `department_ibfk_1` FOREIGN KEY (`EID`) REFERENCES `employee`
  (`EID`) ON DELETE CASCADE ON UPDATE CASCADE,
  ADD CONSTRAINT `department_ibfk_2` FOREIGN KEY (`FID`) REFERENCES `fixed_salary`
  (`FID`) ON DELETE CASCADE ON UPDATE CASCADE;

--
-- Constraints for table `salary`
--
ALTER TABLE `salary`
  ADD CONSTRAINT `salary_ibfk_2` FOREIGN KEY (`EID`) REFERENCES `employee` (`EID`)
  ON UPDATE CASCADE;
COMMIT;

```

DATABASE TABLES

ACCOUNTANT_DETAILS TABLE

The screenshot shows the phpMyAdmin interface for the 'salarymanagementsystem2' database. The 'accountant_details' table is selected. The table structure is as follows:

ACC_ID	ACC_EMAIL	ACC_PASSWORD
5	accountant@gmail.com	\$2y\$10\$4sBkY1EaJnJ0KMIHEIZ.B9DOsOVPAg4ijKWYiQmZ...

The interface also shows the SQL query: `SELECT * FROM 'accountant_details'` and various options for editing, deleting, and exporting the data.

DEPARTMENT TABLE

The screenshot shows the phpMyAdmin interface for the 'salarymanagementsystem2' database. The 'department' table is selected. The table structure is as follows:

DID	DEPT_NAME	DESIGNATION	EID	FID
24	SALES	TEMPORARY	9	9
44	FINANCE	SENIOR	11	2
40	SALES	TEMPORARY	12	9
43	HR	TEMPORARY	14	6
57	FINANCE	TEMPORARY	18	3
59	FINANCE	TEMPORARY	19	3
64	FINANCE	JUNIOR	23	1

The interface also shows the SQL query: `SELECT * FROM 'department' ORDER BY 'EID' ASC` and various options for editing, deleting, and exporting the data.

EMPLOYEE TABLE

Query took 0.0022 seconds.) [EID: 9... - 23...]

SELECT * FROM `employee` ORDER BY `EID` ASC

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Rows: 25 Filter rows: Search this table Sort by key: None

EID	FNAME	LNAME	CITY	STATE	DOB	EMAIL	PASSWORD	BANK_ACC_NO	GENDER
9	SID	KARBOTKAR	BICHOLIM	GOA	2020-12-16	SID@GMAIL.COM	\$2y\$10\$zQzhVsydyCGLfb/RLwoPgeI5cmAxNQqMXUHHShB.Gv2...	11111	MALE
11	RUSHI	SAWANT	MANDREM	GOA	2020-12-02	RUSHI@GMAIL.COM	\$2y\$10\$C0r3ca78w9VnXizi/getSeG4BA7XA9fJLhJSCEbGSio...	99999	MALE
12	SHRUTI	DALVI	Panjim	goa	2020-12-04	SHRUTI@GMAIL.COM	\$2y\$10\$QoSfiatTa6iKEIoDeFp1SecHDSBKTUnsGCKk264X22w...	12345678	FEMALE
14	RAJ	NAIK	Panjim	goa	2020-12-18	RAJAT@GMAIL.COM	\$2y\$10\$.pqIES4hxnWet3Oq.doZeB.9d0BRQxRMCFVEyQSspT...	55555	MALE
18	PRASAD	TAWADE	Panjim	goa	2020-12-19	PRASAD@GMAIL.COM	\$2y\$10\$FdjJNeiq3bnkiQ7jKcTluI9.J8XdVibxOy4HCeA1K....	9284054179	MALE
19	TEJAS	KUNKOLIENKAR	MAPUSA	GOA	2020-12-19	TEJAS@GMAIL.COM	\$2y\$10\$qt30jLA.F/7Scy5HvcA2uR5c2edhMpTZ5c0a.Ey.CU...	7777777	MALE
23	RUSHIKESH	SAWANT	MAPUSA	GOA	1997-12-18	MCA.1953@UNIGOAC.AC.IN	\$2y\$10\$IDcCGK5X/j9Bu/P9Umzun.75akzN3dUoS7IjeYgZAe...	7741083144	MALE

Selected: Edit Copy Delete Export

Rows: 25 Filter rows: Search this table Sort by key: None

FIXED_SALARY

(RECORD IN THIS TABLE ARE INSERTED MANUALLY BY ADMIN)

Showing rows 0 - 8 (9 total, Query took 0.0025 seconds.) [FID: 1... - 9...]

SELECT * FROM `fixed_salary` ORDER BY `FID` ASC

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: PRIMARY (ASC)

FID	BASIC_DAA	HRA	ESI	CONVEYANCE	PF	TAX
1	20000	5000	1000	1000	500	500
2	30000	5000	1000	1000	1000	1000
3	15000	1000	1000	500	1000	500
4	40000	6000	1500	1000	1000	1000
5	30000	5000	1500	1000	1000	1000
6	25000	4000	1500	1000	1000	1000
7	50000	2000	1000	1000	1000	1000
8	30000	2000	1000	1000	1000	1000
9	20000	2000	1000	1000	1000	1000

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: PRIMARY (ASC)

SALARY TABLE

localhost/phpmyadmin/sql.php?server=1&db=salarymanagementsystem2&table=salary&pos=0

Server: 127.0.0.1 » Database: salarymanagementsystem2 » Table: salary

Showing rows 0 - 7 (8 total, Query took 0.0057 seconds.)

SELECT * FROM `salary`

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

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

+ Options

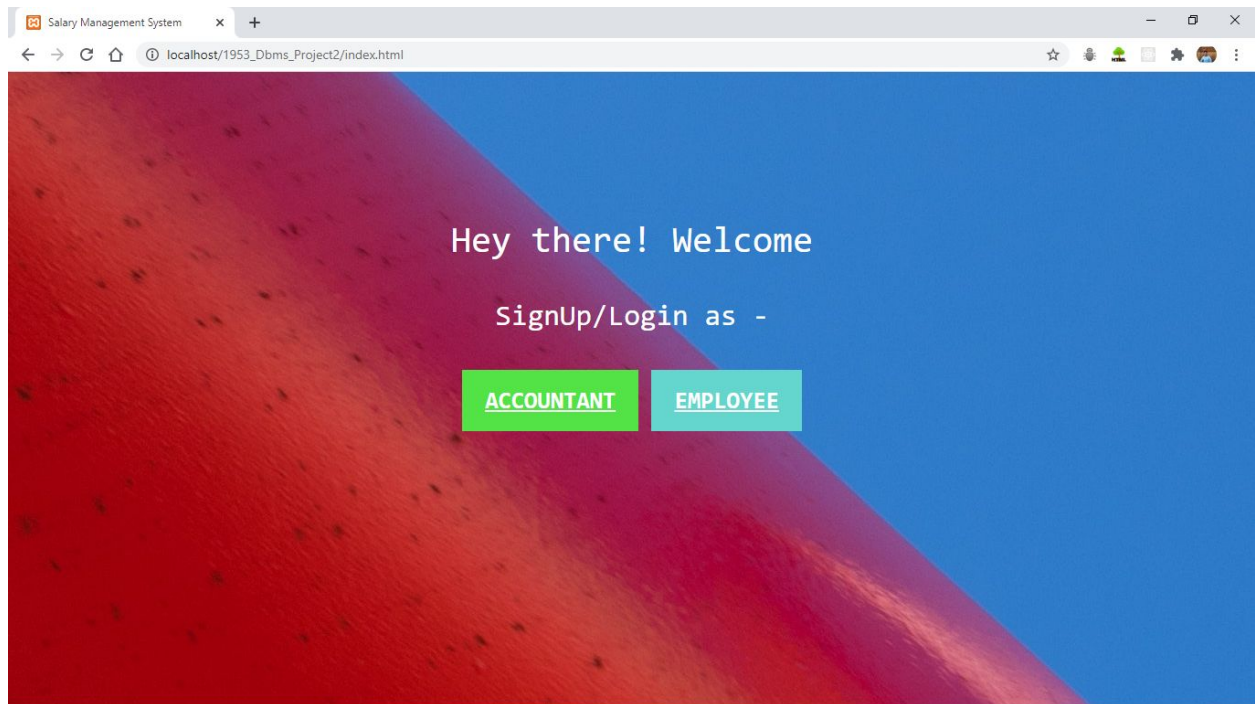
				SID	EMI	DEDUCTION	EARNING	NET_SALARY	pay_date	EID
<input type="checkbox"/>	Edit	Copy	Delete	100	500	8212	23000	14788	2020-12-17	9
<input type="checkbox"/>	Edit	Copy	Delete	107	2222	5722	30000	24278	2020-12-02	14
<input type="checkbox"/>	Edit	Copy	Delete	118	1000	3500	16500	13000	2020-12-19	18
<input type="checkbox"/>	Edit	Copy	Delete	119	2000	4500	16500	12000	2020-12-19	19
<input type="checkbox"/>	Edit	Copy	Delete	120	10	2510	16500	13990	2019-06-04	19
<input type="checkbox"/>	Edit	Copy	Delete	123	2500	5500	36000	30500	2020-12-20	11
<input type="checkbox"/>	Edit	Copy	Delete	124	2000	4000	26000	22000	2020-12-20	23
<input type="checkbox"/>	Edit	Copy	Delete	125	1555	3555	26000	22445	2020-11-20	23

☐ Check all | With selected: Edit Copy Delete Export

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

Results operations

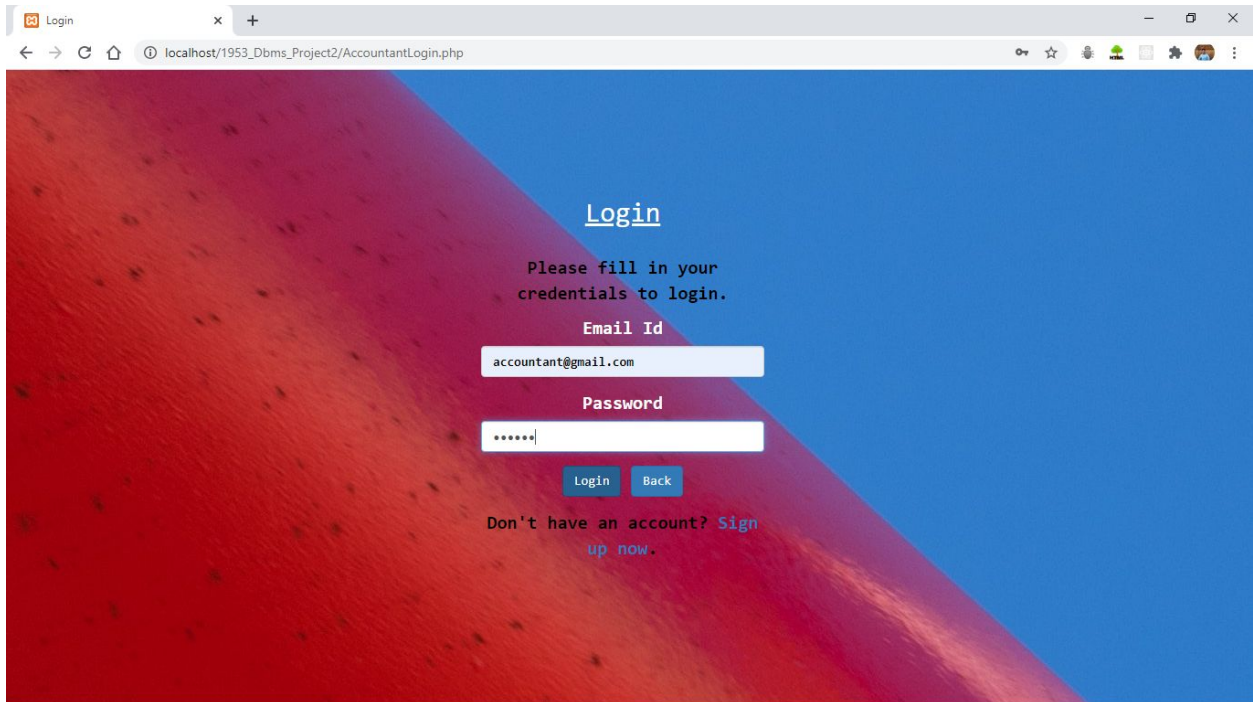
Choose to login/signup as **ACCOUNTANT** or **EMPLOYEE**



Accountant signup

A screenshot of the 'Sign Up' page for an accountant. The browser's address bar shows 'localhost/1953_Dbms_Project2/AccountantSignUp.php'. The page has the same red and blue diagonal background. The heading 'Sign Up' is underlined. Below it, the text 'Please fill this form to create an account.' is centered. The form includes three input fields: 'Email Id' with the value 'accountant@gmail.com', 'Password' with masked characters '*****', and 'Confirm Password' also with masked characters '*****'. At the bottom of the form are two buttons: 'Submit' and 'Reset'. Below the form, the text 'Already have an account?' is followed by a link 'Login here.'.

Accountant Login



Login

Please fill in your credentials to login.

Email Id

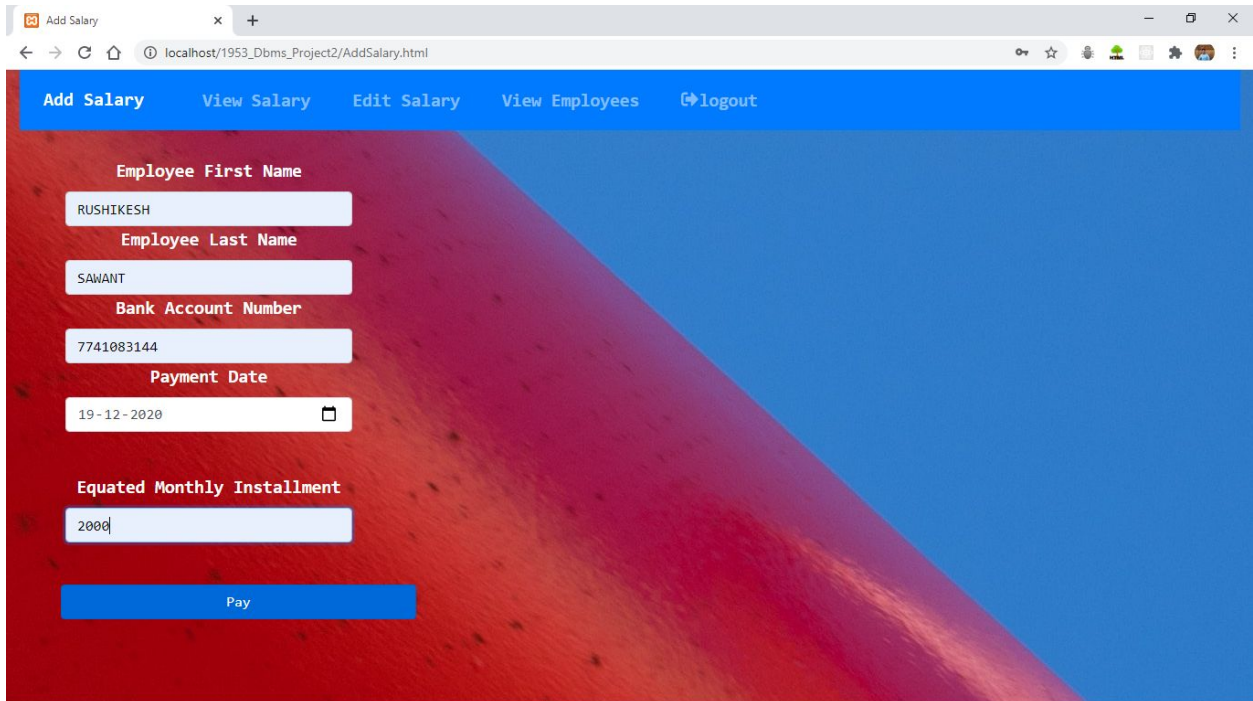
accountant@gmail.com

Password

Login Back

Don't have an account? [Sign up now.](#)

Pay salary.



Add Salary View Salary Edit Salary View Employees Logout

Employee First Name

RUSHIKESH

Employee Last Name

SAWANT

Bank Account Number

7741083144

Payment Date

19-12-2020

Equated Monthly Installment

2000

Pay

View ALL EMPLOYEE DETAILS

Manage salary

localhost/1953_Dbms_Project2/ViewAllEmployee.php

Employees Details

Eid	First Name	Last Name	City	State	DOB	Email	Bank Account Number	Gender	Department	Designation
9	SID	KARBOTKAR	BICHOLIM	GOA	2020-12-16	SID@GMAIL.COM	11111	MALE	SALES	TEMPORARY
12	SHRUTI	DALVI	Panjim	goa	2020-12-04	SHRUTI@GMAIL.COM	12345678	FEMALE	SALES	TEMPORARY
14	RAJ	NAIK	Panjim	goa	2020-12-18	RAJAT@GMAIL.COM	55555	MALE	HR	TEMPORARY
11	RUSHI	SAWANT	MANDREM	GOA	2020-12-02	RUSHI@GMAIL.COM	99999	MALE	FINANCE	SENIOR
18	PRASAD	TAWADE	Panjim	goa	2020-12-19	PRASAD@GMAIL.COM	9284054179	MALE	FINANCE	TEMPORARY
19	TEJAS	KUNKOLIENKAR	MAPUSA	GOA	2020-12-19	TEJAS@GMAIL.COM	7777777	MALE	FINANCE	TEMPORARY
21	RUSHIKESH	SAWANT	MAPUSA	GOA	1997-12-18	MCA.1953@UNIGOA.AC.IN	7741083144	MALE	SALES	SENIOR

Back

VIEW ALL SALARIES PAID TO ALL EMPLOYEES TILL DATE

Manage salary

localhost/1953_Dbms_Project2/AccViewSalary.php

Employees Salary

Add New Salary

EID	FNAME	LNAME	BANK_ACC_NO	EMI	TOTAL EARNING	TOTAL DEDUCTION	NET SALARY	PAYMENT DATE	SID	ACTION
9	SID	KARBOTKAR	11111	500	23000	8212	14788	2020-12-17	100	View Edit Delete
14	RAJ	NAIK	55555	2222	30000	5722	24278	2020-12-02	107	View Edit Delete
11	RUSHI	SAWANT	99999	1100	36000	3100	32900	2018-12-06	111	View Edit Delete
11	RUSHI	SAWANT	99999	1999	36000	4999	31001	2020-11-07	116	View Edit Delete
18	PRASAD	TAWADE	9284054179	1000	16500	3500	13000	2020-12-19	118	View Edit Delete
19	TEJAS	KUNKOLIENKAR	7777777	2000	16500	4500	12000	2020-12-19	119	View Edit Delete
19	TEJAS	KUNKOLIENKAR	7777777	10	16500	2510	13990	2019-06-04	120	View Edit Delete
21	RUSHIKESH	SAWANT	7741083144	2000	53000	5000	48000	2020-12-19	121	View Edit Delete
21	RUSHIKESH	SAWANT	7741083144	3000	53000	6000	47000	2020-11-19	122	View Edit Delete

Back

UPDATE salary EMI or PAYMENT DATE

The screenshot shows a web browser window with the title 'Update Record'. The address bar shows the URL 'localhost/1953_Dbms_Project2/update.php?EID=21&SID=121'. The page has a background with a red and blue diagonal split. The main heading is 'Update Salary'. Below it, a message says 'Please edit the input values and submit to update the Salary.' There are two input fields: 'EMI' with the value '2500' and 'DATE' with the value '19-12-2020'. At the bottom are 'Submit' and 'Cancel' buttons.

Update Record

localhost/1953_Dbms_Project2/update.php?EID=21&SID=121

Update Salary

Please edit the input values and submit to update the Salary.

EMI

2500

DATE

19-12-2020

Submit Cancel

VIEW EMPLOYEES BASIC SALARY

(This salary is based on the DEPARTMENT AND DESIGNATION of employee)

The screenshot shows a web browser window with the title 'View Record'. The address bar shows the URL 'localhost/1953_Dbms_Project2/read.php?EID=21'. The page has a background with a red and blue diagonal split. The main heading is 'View SALARY'. Below it, a table displays salary components: BASIC_DAA (5000), HRA (2000), CONVEYANCE (1000), ESI (1000), PF (1000), and TAX (1000). At the bottom is a 'Back' button.

View Record

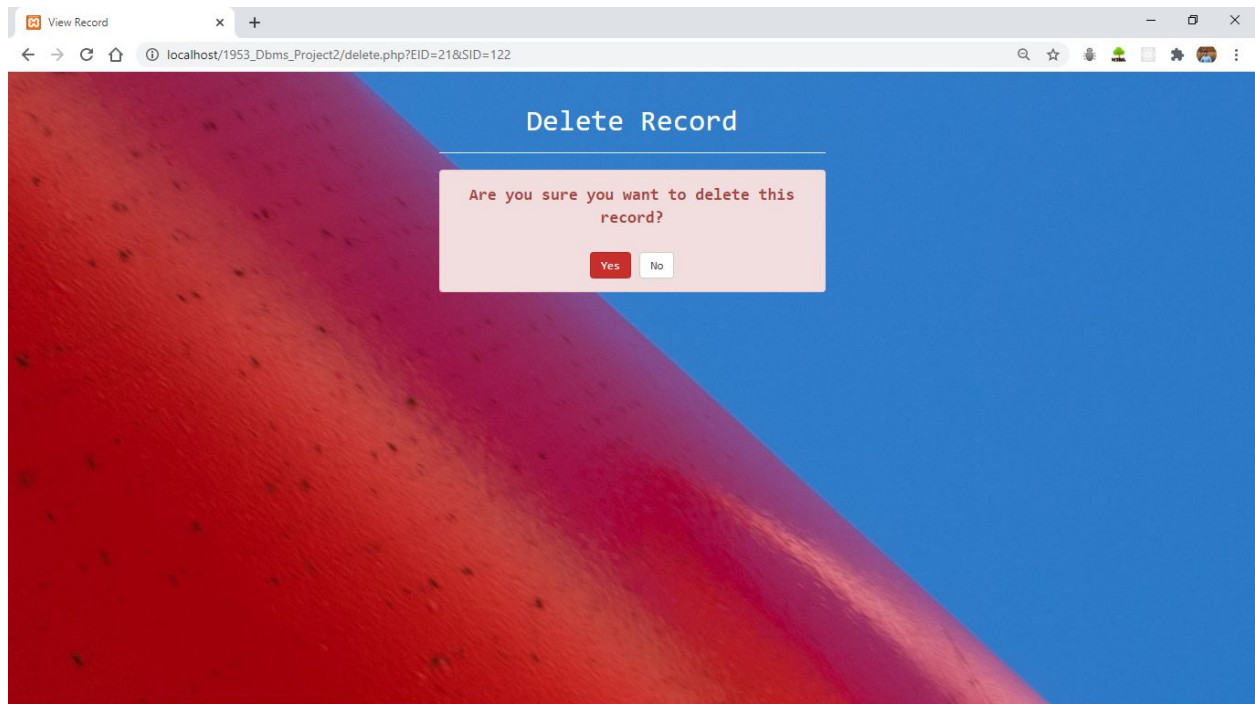
localhost/1953_Dbms_Project2/read.php?EID=21

View SALARY

BASIC_DAA	5000
HRA	2000
CONVEYANCE	1000
ESI	1000
PF	1000
TAX	1000

























Back

Delete particular salary

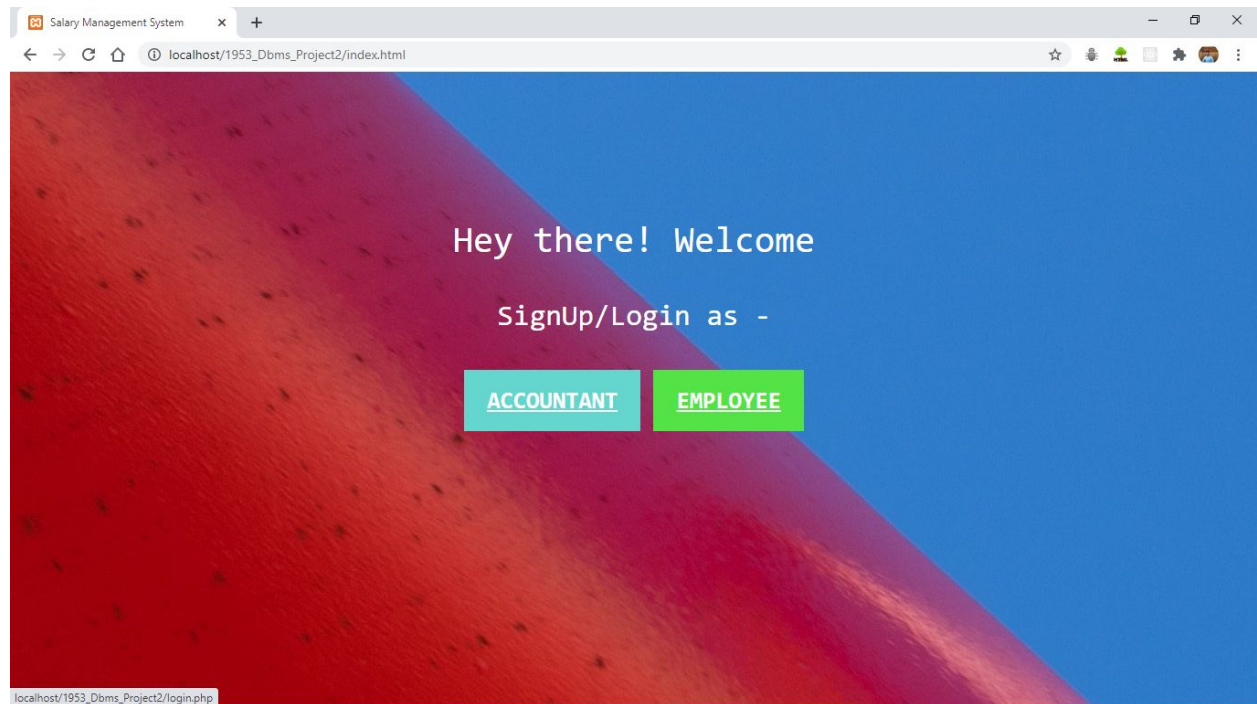


Salaries after **update** and **delete** operations

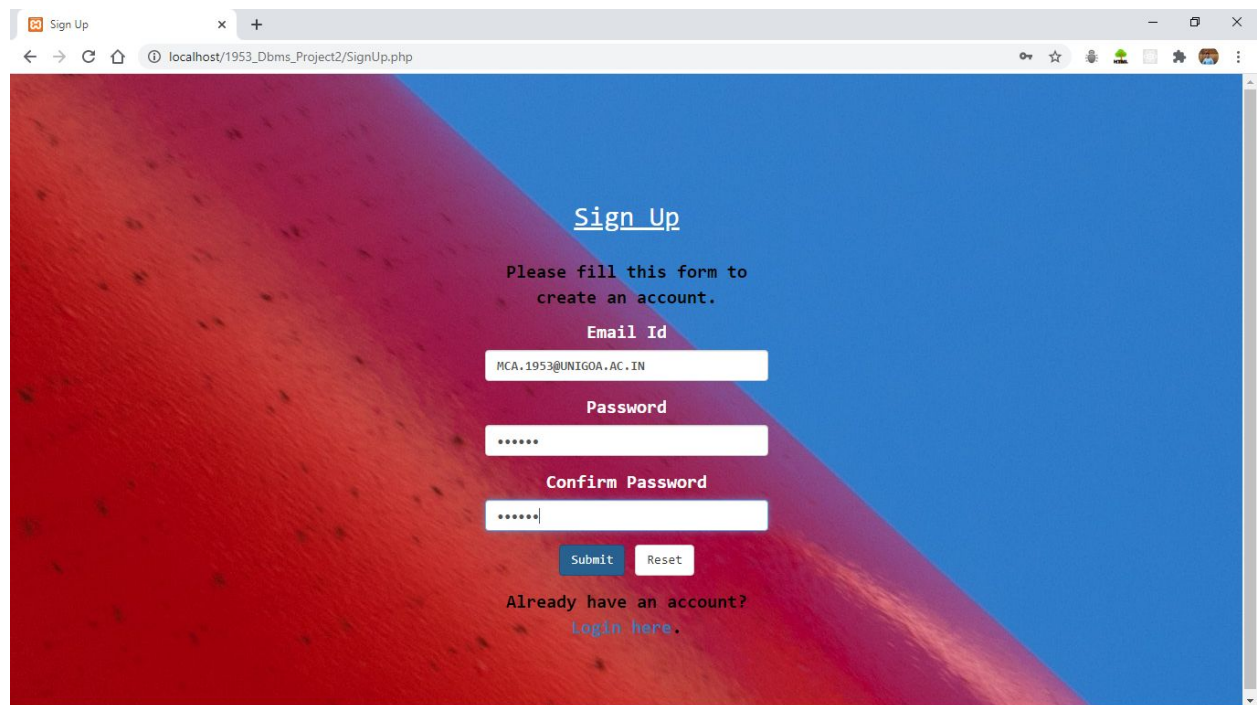
The screenshot shows a web browser window with the address bar displaying 'localhost/1953_Dbms_Project2/ViewSalary.php'. The page has a blue header with the title 'Employees Salary' and a green button labeled 'Add New Salary'. Below the header, there is a table with 11 columns: EID, FNAME, LNAME, BANK_ACC_NO, EMI, TOTAL EARNING, TOTAL DEDUCTION, NET SALARY, PAYMENT DATE, SID, and ACTION. The table contains 8 rows of data. At the bottom of the page, there is a blue button labeled 'Back'.

EID	FNAME	LNAME	BANK_ACC_NO	EMI	TOTAL EARNING	TOTAL DEDUCTION	NET SALARY	PAYMENT DATE	SID	ACTION
9	SID	KARBOTKAR	11111	500	23000	8212	14788	2020-12-17	100	  
14	RAJ	NAIK	55555	2222	30000	5722	24278	2020-12-02	107	  
11	RUSHI	SAWANT	99999	1100	36000	3100	32900	2018-12-06	111	  
11	RUSHI	SAWANT	99999	1999	36000	4999	31001	2020-11-07	116	  
18	PRASAD	TAWADE	9284054179	1000	16500	3500	13000	2020-12-19	118	  
19	TEJAS	KUNKOLIENKAR	7777777	2000	16500	4500	12000	2020-12-19	119	  
19	TEJAS	KUNKOLIENKAR	7777777	10	16500	2510	13990	2019-06-04	120	  
21	RUSHIKESH	SAWANT	7741083144	2500	53000	5000	48000	2020-12-19	121	  

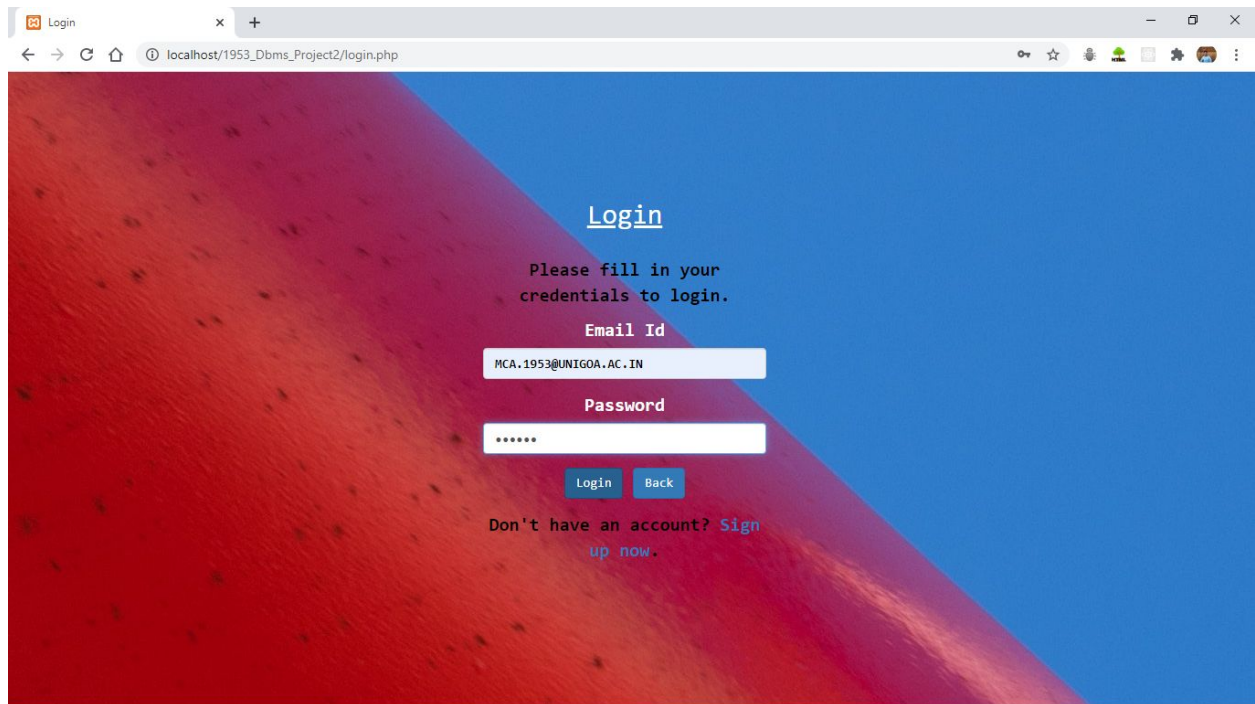
EMPLOYEE



EMPLOYEE SIGNUP



EMPLOYEE LOGIN



A screenshot of a web browser displaying a login page. The browser's address bar shows 'localhost/1953_Dbms_Project2/login.php'. The page has a red and blue background. The title 'Login' is centered. Below it, a message says 'Please fill in your credentials to login.' There are two input fields: 'Email Id' with the value 'MCA.1953@UNIGOA.AC.IN' and 'Password' with masked characters '*****'. Below the password field are 'Login' and 'Back' buttons. At the bottom, a link says 'Don't have an account? Sign up now.'

Login

Please fill in your credentials to login.

Email Id

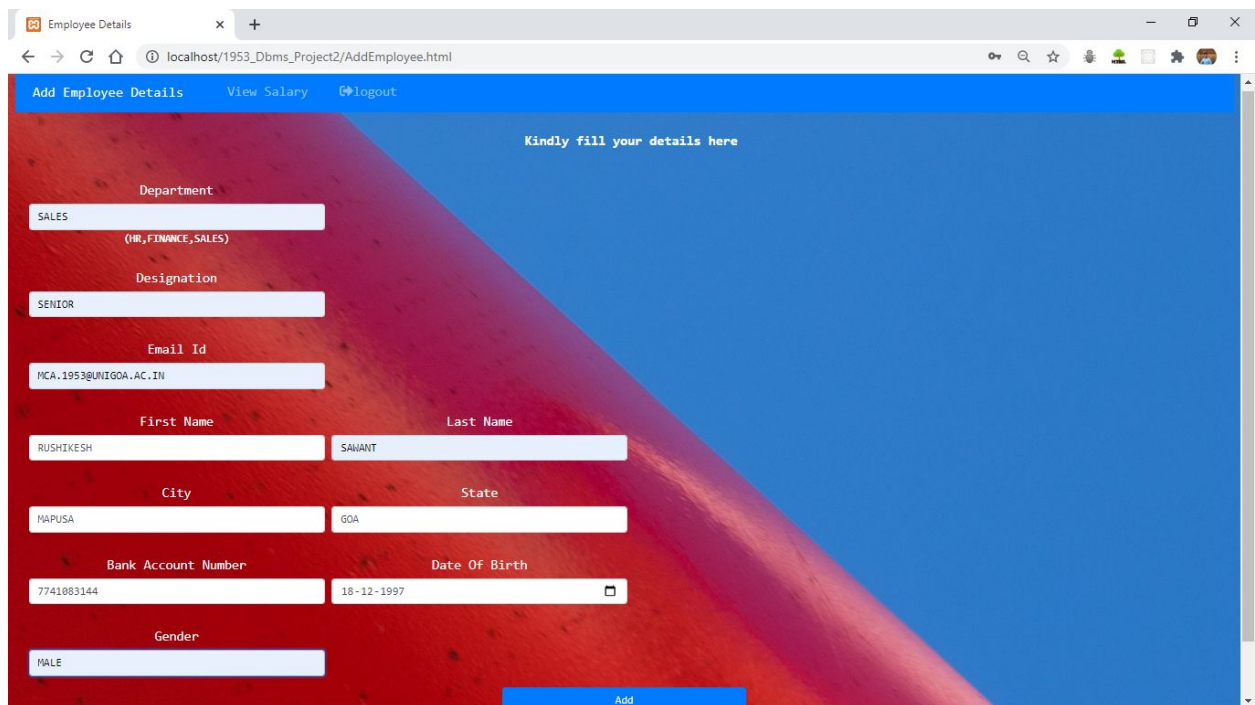
MCA.1953@UNIGOA.AC.IN

Password

Login Back

Don't have an account? Sign up now.

EMPLOYEE ADD THEIR DETAILS ONLY ONCE, AS THEY SIGN UP



A screenshot of a web browser displaying an 'Employee Details' form. The browser's address bar shows 'localhost/1953_Dbms_Project2/AddEmployee.html'. The page has a red and blue background. A navigation bar at the top contains 'Add Employee Details', 'View Salary', and 'Logout'. The title 'Kindly fill your details here' is centered. The form has several input fields: 'Department' (SALES), 'Designation' (SENIOR), 'Email Id' (MCA.1953@UNIGOA.AC.IN), 'First Name' (RUSHIKESH), 'Last Name' (SAWANT), 'City' (MAPUSA), 'State' (GOA), 'Bank Account Number' (7741083144), 'Date Of Birth' (18-12-1997), and 'Gender' (MALE). There is an 'Add' button at the bottom right.

Employee Details

localhost/1953_Dbms_Project2/AddEmployee.html

Add Employee Details View Salary Logout

Kindly fill your details here

Department

SALES

(HR,FINANCE,SALES)

Designation

SENIOR

Email Id

MCA.1953@UNIGOA.AC.IN

First Name

RUSHIKESH

Last Name

SAWANT

City

MAPUSA

State

GOA

Bank Account Number

7741083144

Date Of Birth

18-12-1997

Gender

MALE

Add

EMPLOYEES CAN VIEW ALL SALARIES PAID TILL DATE

View Salary

localhost/1953_Dbms_Project2/new.php

Salary Details

FIXED SALARY					
BASIC & DA	HRA	CONVEYANCE	ESI	PF	TAX
50000	2000	1000	1000	1000	1000

Your Salaries

DATE	Bank Account Number	EMI	TOTAL EARNING	TOTAL DEDUCTION	NET SALARY
2020-12-19	7741083144	2000	53000	5000	48000
2020-11-19	7741083144	3000	53000	6000	47000

Back

EMPLOYEE SALARY AFTER UPDATE AND DELETE

View Salary

localhost/1953_Dbms_Project2/new.php

Salary Details

FIXED SALARY					
BASIC & DA	HRA	CONVEYANCE	ESI	PF	TAX
50000	2000	1000	1000	1000	1000

Your Salaries

DATE	Bank Account Number	EMI	TOTAL EARNING	TOTAL DEDUCTION	NET SALARY
2020-12-19	7741083144	2500	53000	5500	47500

Back

localhost/1953_Dbms_Project2/AddEmployee.html