

Project Title: H R Management System



श्रद्धावान् लभते ज्ञानम्

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ABSTRACT

The project aims to develop a system which is being capable of elimination of all the problems and become useful to the jobseekers. The Mission of Human resource management's mission is to coordinate *people within an organization to achieve the organization's goals*.

The company needs to manage the entire job to be appointed and job seekers resumes details in a faster manner so that the time is saved. The user must exercise full control over these activities.

Finally, we can say that this system will not only automate the process but save the valuable time of the manager or the admin, which can be well utilized by his institute.

This will be an additional advantage and management of power based on their free time from his normal duty. HRM is socially responsible for the needs, demands and challenges of the society.

Keywords: - jobseekers, organization's goals, duty.

Functional Requirements of the System

E-Test:

1. Employee must be registered before attending the test.
2. Employee will be selected based on the result he gets.

Employee:

1. Employee needs to login before using the application and to access their details, company profile.
2. An employee can view their details, Salary details, Attendance details and communications.

HR:

1. Employee must be registered, create a user profile to login.
2. The employee will be recruited based upon his question entry, communication, and resume.
3. Based on the Employee performance salary will be decided.

Career:

1. Employee will first search job then he will be able to apply for a job.

Use cases

The USE CASES of H R Management System are: -

1. Identifying Authentication
2. Employee Registration
3. Recruitment
4. Question Entry
5. Training Data
6. Test Details
7. Salary Details
8. Send & Receive Messages

Actors

Employee:

1. Employee is a person who first registers to the application and applies for the E-Test.
2. Employee can enter their attendance and view, send the messages to/from HR.

Admin (HR):

1. HR acts as a facilitator for services of each employee.
2. HR recruits the employee based on his/her performance and can add training details.
3. HR can view salary structure, details and can send messages and view them.

Use Case Description

Identifying Authentication

Use case ID	Identifying Authentication
Brief description	The user can get access to the system using username and password.
Primary actors	System user
Precondition	User must register with the system and should have a valid login credentials.
Post condition	Already not a registered user, register with the system or perform transactions if login attempt was successful.
Main success Scenario	If valid user, then display welcome message and give access to his/her account else return error message.
Actor Action	System Response
1. The user enters login credentials and clicks on login button.	1. Performs validation of login credentials. If valid user, provides access.
2. The user get access into the account main page.	
Alternate flow	2. If not a valid user, system returns error message.

Employee Registration

Use case ID	Employee Registration
Brief description	The new Employee provides personal details and his/her choice of course to the system
Primary actors	New Employee
Precondition	The Employee must not have registered earlier. The application number can be used to find this.

Post condition	Employee gets registered
Main success Scenario	The Employee gets confirmation of enrolment
Actor Action	System Response
1. The new Employee uses on screen enrolment form to input personnel details.	1. Present a menu of the subject areas in the H R Management.
2.Clicks on the chosen Company	2.Presents a menu of jobs in the chosen company.
3.Clicks on the chosen job	3.Display the job Details
4.Uploads the relevant Details needed	
5.Clicks on print button and get the print of the Application.	
Alternate flow	If Not Eligible for Registration Show Error Message on the screen.

Recruitment

Use case ID	Recruitment
Brief description	Hiring employees based on their performance.
Primary actors	Admin (HR)
Precondition	Employee must be registered and qualified before getting recruited.
Post condition	Employee gets recruited.
Main success Scenario	The employees get confirmation about his/her job
Actor Action	System Response
1. Entering Employee details in resume.	2. Will display if he/she is qualified to apply for the job.
Alternate flow	Admin was unable to view the resume.

Question entry

Use case ID	Question entry
Brief description	Questions will be displayed, and admin can question E-Test.
Primary actors	Employee, Admin
Precondition	Employees must be registered before.
Post condition	Employees know whether qualified or not.
Main success Scenario	Result scored in the E-Test
Actor Action	System Response
1. Employee will start the E-Test	2. Present a menu of the exam and questions will be displayed.
3. Employee will answer the questions and submit the test	4. Will be redirected to submitted page.
Alternate flow	
	Admin can add/modify questions.

Training Details

Use case ID	Training Details
Brief description	Employee can check their training details and admin can modify or add the details.
Primary actors	Employee- (check training details) Admin- (Add training details)
Precondition	Employee must be recruited.
Post condition	Skills will be tested by HR

Main success Scenario	Employee will be successful in the testing round by HR.
Actor Action	System Response
1. Employee will click on Training details	2. Presents a menu of the Training details.
3.Admin can modify or add the details	4.Training Details will be updated and gets displayed.
Alternate flow	
	Employee not selected in the training round.

Test Details

Use case ID	Test Details
Brief description	The employee can get access for Applying and then for taking Test.
Primary actors	System user, Admin
Precondition	Employee Must be already applied for the test and must is Eligible for Taking test.
Post condition	If not registered for test , If there is no Deadline he may register .
Main success Scenario	If valid user, then display the test Information Then Proceed to the next step.
Actor Action	System Response
1. The user enters login credentials and clicks on login button.	1.Performs validation of login credentials. If valid user, provides access.
2.The user may take the test if it is available .	2.If eligible then next steps are shown.
Alternate flow	
	If not a valid user, system returns error message.

Salary Details

Use case ID	Salary Details
Brief description	The Salary details and Salary Structure is accessed by admin and Employee can only view them.
Primary actors	Admin
Precondition	User must register with the system and should have a valid login credentials and have a job.
Post condition	Already not with a job , apply for job and eligible for it.
Main success Scenario	If valid user, then the admin fixed details regarding the salary will be displayed on the screen.
Actor Action	System Response
1. The user enters login credentials and login and click on salary option to view.	1.Performs validation of login credentials and display the salary details.
Alternate flow	If not a valid user without job, system returns error message.

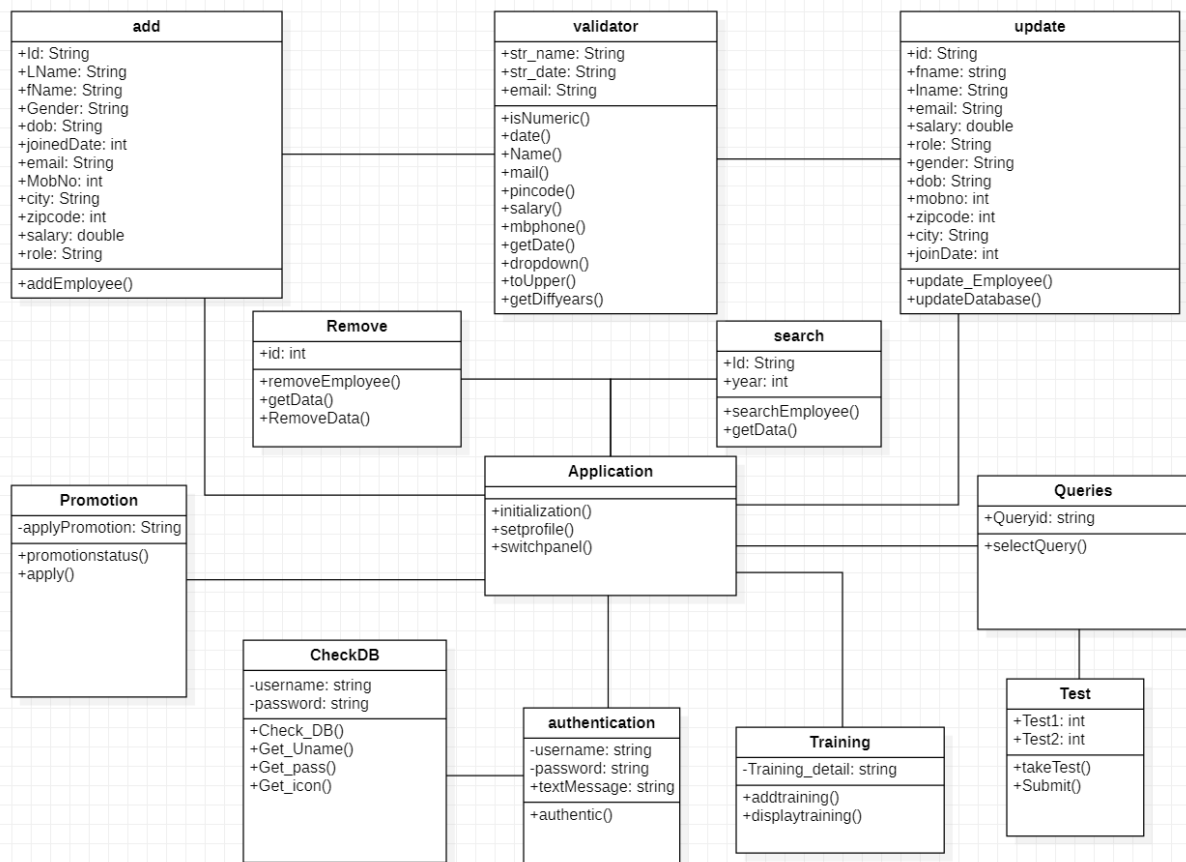
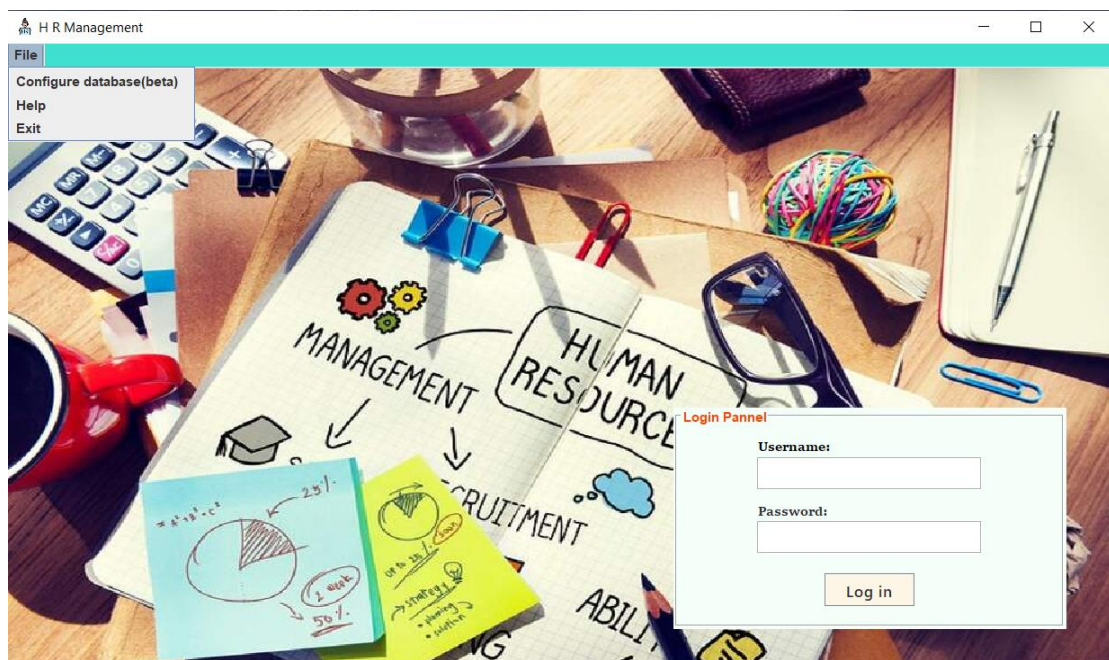
Send & Receive Messages

Use case ID	Send & Receive Messages
Brief description	The user can get access to the system using username and password.
Primary actors	System user, Admin
Precondition	User must register with the system and should have a valid login credentials.
Post condition	Already not a registered user, register with the system or perform transactions if login attempt was successful.

Main success Scenario	If valid user, then able to send and receive messages regarding any of their queries and request the salary increments and etc..
Actor Action	System Response
1.The user enters login credentials and clicks on login button.	1.Performs validation of login credentials. If valid user, provides access.
2.The user get access into the account main page and click on messages.	2.Take the input and Send to the admin.
Alternate flow	If not a valid user , system returns error message.

Use case Diagram



CLASS DIAGRAM: -**User Interface Design**First page

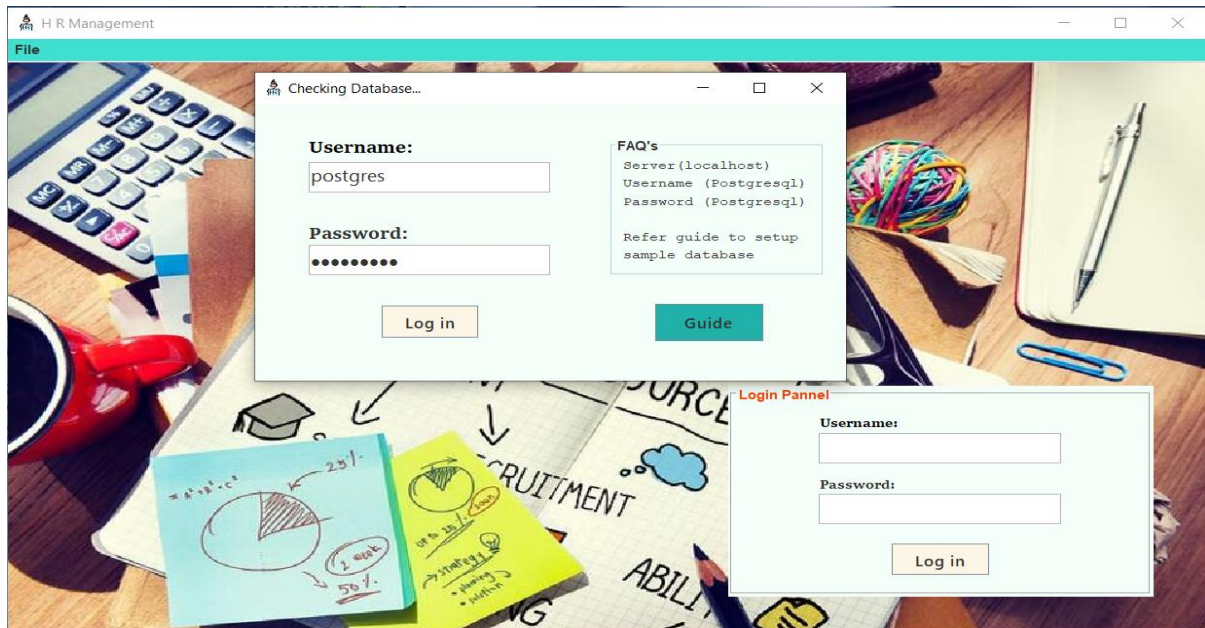
At top left corner we have file which has Configure database, help and exit features.

- **Configure database:** To get access first employee must configure the database (connect with database we need to login using our postgres credentials).

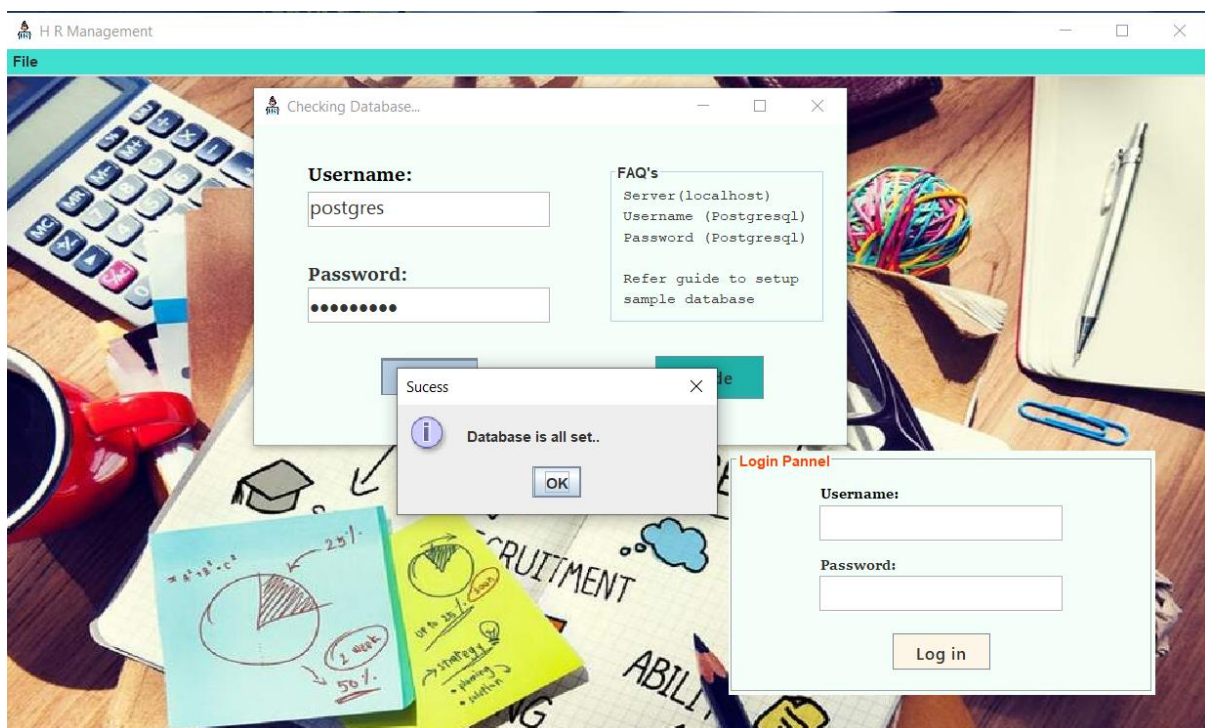
- **Help:** Redirects us to GitHub. • **Exit:** Ensures you to exit the page.

Database Configuration

We have added database configuration panel that make sure we need not to change configuring details of postgres and acts as a security layer.

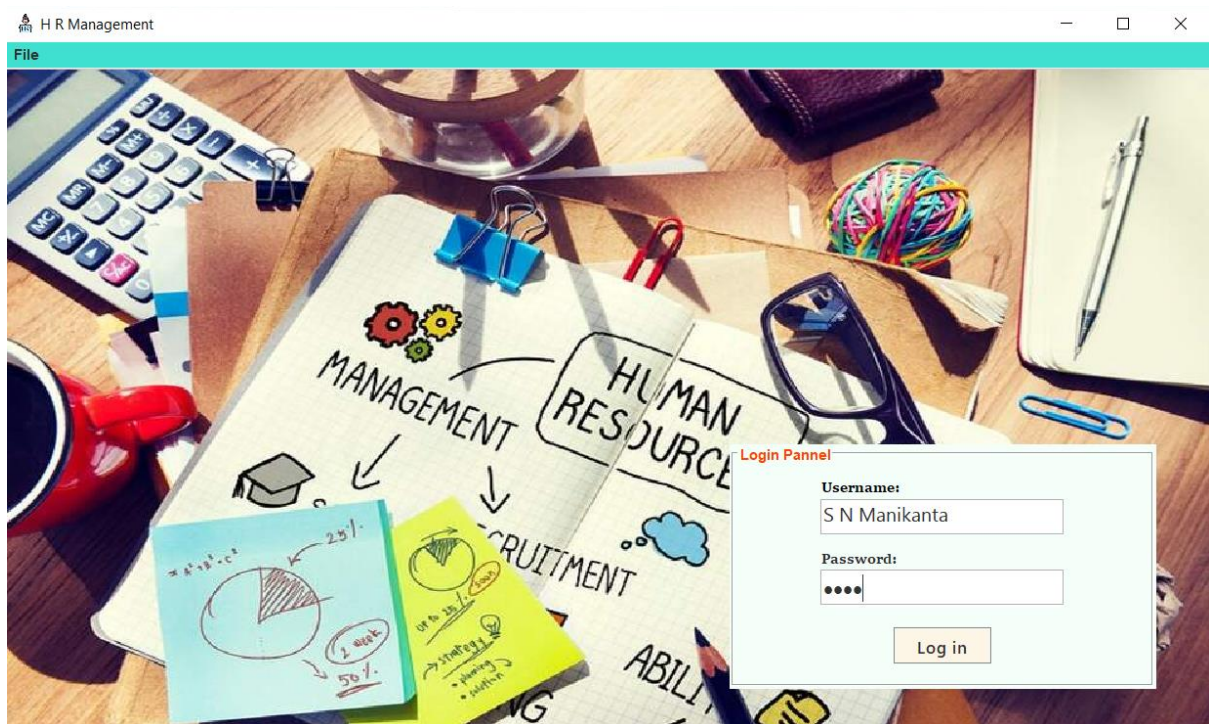


Configuration

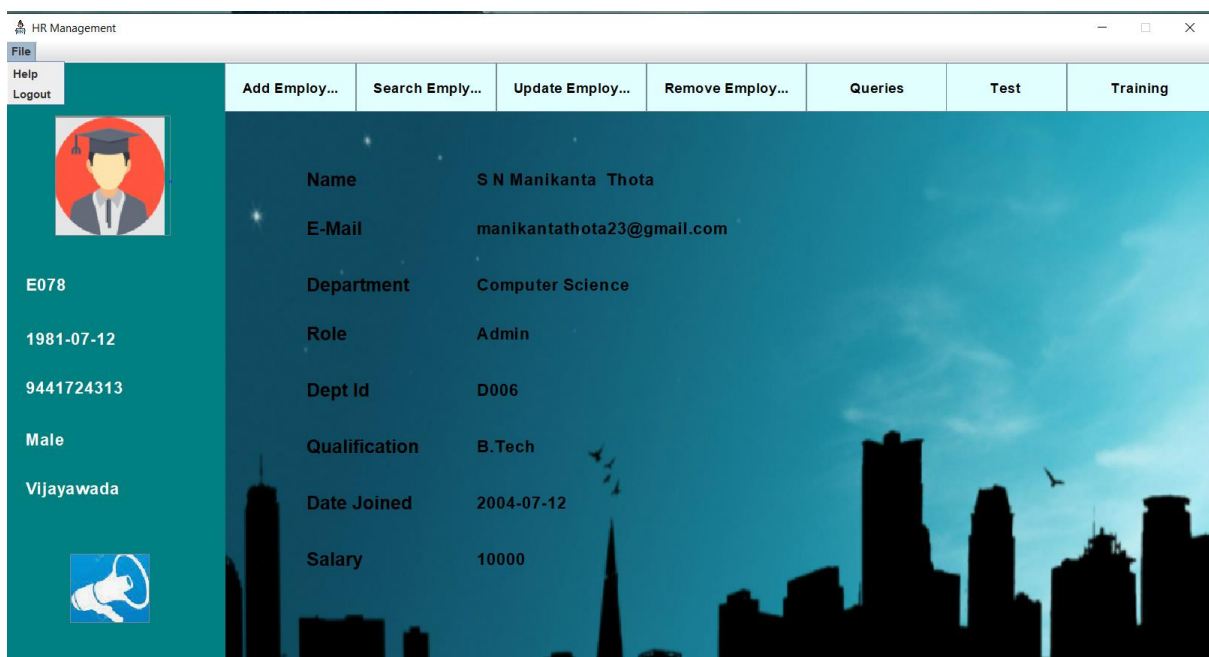


Login

Enter Username and Password.

Display Panel

In profile we find the details of employee or admin



By clicking help it opens guide which redirects to GitHub account it is simple guide to get to know about our project details.

Promotion Panel

Employee can Apply for promotion and wait for the status.

The screenshot shows the HR Management System interface. On the left is a teal sidebar with a user profile icon (a person with a graduation cap), ID E078, date 1981-07-12, number 9441724313, gender Male, and location Vijayawada. Below the profile is a megaphone icon. The main area has a light green background with a large 'HR' logo in the center. At the top of the main area is a navigation bar with buttons: Add Employ..., Search Employ..., Update Employ..., Remove Employ..., Queries, Test, and Training. Below the logo, there are two input fields and two buttons. The first row has the text 'Apply for promotion' followed by a light blue input field and an orange 'Apply' button. The second row has a light blue input field and an orange button labeled 'Get your promotion status'.

Promotion Status

The screenshot shows the HR Management System interface with the same sidebar as the previous image. The main area has the same 'HR' logo and navigation bar. Below the logo, there are two input fields and two buttons. The first row has the text 'Apply for promotion' followed by a light blue input field and an orange 'Apply' button. The second row has a light blue input field containing the text 'Yes Accepted' and an orange button labeled 'Get your promotion status'.

Add Employee

***Add or remove or update** employees (only accessed by admin)

Admin can add the appropriate details according to the information given in use cases. There are some conditions for filling in the details.

They are: (All these validations are shown by small dialogue box with respective errors)

1. The name must be greater than 3 characters.
2. There is date validator which validates date .
3. email should be in proper format like name@gmail.com which matches regex expression below

```
"^[\\w!#$%&'*/+=?`{|}~^-]+(?:\\.[\\w!#$%&'*/+=?`{|}~^-]+)*@(?:[a-zA-Z0-9-]+\\.)+[a-zA-Z]{2,6}$"
```

4. Mobile number must be exactly 10 numeric digits
5. Zip code must contain 6 numeric digits.
6. Salary validator which takes only numeric values.
7. And there is role validator which confirms weather role is selected or not.

The id is generated by system according to the data in the database

The screenshot shows the 'Add Employee' form in the HR Management System. The form is divided into several sections. On the left, there is a sidebar with employee details: E077, 1974-04-26, 9014328050, Female, Kakinada. The main form area has a header with tabs: Add Employ..., Search Employ..., Update Employ..., Remove Employ..., Queries, Test, and Training. The form fields are as follows:

- Emp ID:** Will be given by System
- Role:** --Select--
- First Name:** Rohit
- Last Name:** Chappa
- Gender:** Male (selected), Female, Other
- Qualification:** B.Tech
- DOB:** DD: 11, M: 7, YYYY: 1950
- Joined Date:** DD: 11, M: 7, YYYY: 2002
- E-Mail:** rohit45@gmail.com
- City:** Vizag
- Mob No.:** 8759463218
- Dept ID:** D006
- Zip Code:** 530003
- Department:** Computer Sc...
- Salary:** 50000
- Training:** Programming

An 'Add to Database' button is located at the bottom right of the form.

Successfully Added

HR Management

File

Add Employ... Search Employ... Update Employ... Remove Employ... Queries Test Training

Emp ID Will be given by System Role --Select--

First Name Rohit Last Name Chappa

Gender ☒ Male ☐ Female ☐ Other Qualification B.Tech

E077

Database

1974 Inserted data successfully
Insert into employee values ('E080','rohit','chappa','Male','1950/7/11','rohit45@gmail.com','8759463218','Vizag',530003,'2002/7/11',50000,'--Select--','B.Tech','Computer Science','D006','Programming')

9014 OK

Female

E-Mail rohit45@gmail.com City Vizag

Kakinada

Mob No. 8759463218 Dept ID D006

Zip Code: 530003 Department Computer Sc...

Salary 50000 Training Programming

Add to Database

Search Employee

Employees or admin can search the details with the help of id or by date joined (year). And all the details of respective id or year will be displayed in the table below. In bottom side of the panel, we can find Respective Department Count.

HR Management

File

Add Employ... Search Employ... Update Employ... Remove Employ... Queries Test Training


Search by Id Search by year Get Data

Total Employees Marketing Dept. Admi Dept. Acco Dept. QualityDept. Comp Dept. Prog Dept.

79 13 18 14 13 5 16


empid	fname	lname	gender	dob	emailid	phno	city	zipcode	datejoin	salary	role	qualifica	dept	dept_id	training	score1	score2	training2
E023	Aiswarya	Satheesh	Female	1988-01	gautha...	9451231	Chandig...	160003	2019-02	86000	Employ...	Ph.D.	Quality...	D004	Professi...	71	82	
E027	Anagha	Viju	Female	1999-11	harshp...	9495415	North D...	110006	2017-09	41000	Employ...	M.Tech.	Quality...	D004	Professi...	75	86	
E037	Amirtha	Narayan	Female	1985-12	mohithb...	7042462	North G...	403508	2015-02	24000	Employ...	M.Sc.	Quality...	D004	PHPDev...	85	96	
E044	Gouri	S Vipin	Female	1978-05	pourna...	9440955	Kollam	691573	2015-04	52000	Employ...	M.Sc.	Quality...	D004	PHPDev...	92	78	
E080	rohit	chappa	Male	1950-07	rohit45...	8759463	Vizag	530003	2002-07	50000	--Select--	B.Tech	Comput...	D006	Progra...			
E002	Konda	Venkata	Female	1965-12	abshay20	9456123	East Gar...	794111	2012-05	45000	Employ...	Ph.D.	Adminis...	D002	PHPDev...	81	61	
E010	Gautham	Krishnan	Female	1980-09	ananthu...	7458745	Hydera...	500034	2015-02	25365	Employ...	B.Tech	Account...	D005	PHPDev...	89	69	
E021	Anfas	Hassan V	Female	1985-10	laxmilaz	7451234	Anwal	804401	2014-06	24000	Employ...	M.Tech.	Account...	D005	PHPDev...	100	80	
E026	Adithya	Krishna	Female	1993-11	sanju30...	9447305	South W...	110075	2018-10	32000	Employ...	Ph.D.	Account...	D005	TimeMa...	74	85	
E028	SWATHY	RAJESH	Female	1999-01	hrishabt...	9074833	North D...	110006	2010-09	25365	Employ...	B.Tech.	Market...	D001	Soft-Ski...	76	87	
E029	Nandita	Sangeeth	Female	1991-04	varghes...	8299342	North G...	403503	2012-05	21322	Employ...	M.Sc.	Account...	D005	TimeMa...	77	88	
E030	Varalaks	MR	Female	1994-12	pranayr...	6282329	North G...	403530	2010-09	82000	Employ...	Ph.D.	Adminis...	D002	Soft-Ski...	78	89	
E032	Anushka	Kaimal	Female	1958-05	varunko...	9447066	Gandhi ...	382810	2015-12	26000	Employ...	M.Sc.	Adminis...	D002	TimeMa...	80	91	
E039	Roopa	Ravali B.	Female	1996-04	lycanro...	6238456	Pondich...	605110	2018-05	86000	Employ...	IT	Account...	D005	Professi...	87	98	
E045	Charish...	Akshaya	Female	1975-05	surekha...	9447505	Palakkad	679503	2012-03	86000	Employ...	Ph.D.	Progra...	D003	Professi...	93	79	
E047	Parvathy	G Pillai	Female	1975-10	rangine...	9943023	Adilabad	504273	2018-11	32000	Employ...	B.Tech.	Progra...	D003	Technic...	95	81	
E013	Gopisetty	Venkata...	Male	1995-04	rsmuraja	9475812	Nicobar	744301	2019-02	96000	Admin	Ph.D.	Adminis...	D002	PHPDev...	92	72	
E017	Daketi	Karav Tej	Male	1965-12	bharath...	9456123	East Sik...	737135	2015-04	25245	Admin	Ph.D.	Progra...	D003	Technic...	96	76	
E058	Sai	Manasa	Female	1999-02	udamal...	8703670	East Sik...	737106	2014-03	86000	Employ...	M.Sc.	Adminis...	D002	PHP De...	86	92	
E059	Avadhuta	Sai Varun	Female	1987-05	varumnk...	8129179	Coimba...	641663	2014-02	45000	Employ...	Ph.D.	Account...	D005	TimeMa...	87	93	
F064	Parvathi	PK	Female	1994-09	Jakshara	89271897	Madurai	1625501	2019-02	86000	Emalov...	R.Tech.	Account...	D005	PHPDev...	92	98	

Search Employee By ID

 HR Management

File

Add Employ...
Search Empl...
Update Employ...
Remove Employ...
Queries
Test
Training




E077

1974-04-26

9014328050

Female

Kakinada



Search by Id

E076

Search by year


Get Data

Total Employees
Marketing Dept.
Admi Dept.
Acco Dept.
QualityDept.
Comp Dept.
Prog Dept.

79
13
18
14
13
5
16


empid	fname	lname	gender	dob	emailid	phno	city	zipcode	datejoin...	salary	role	qualifica...	dept	dept_id	training	score1	score2	training2
E076	Sai Sarv...	Beeram	Female	1974-05...	saisarva...	9504910...	Guntur	522006	2003-05...	99999	Admin	B.Tech	Comput...	D006	HRMana...	100	100	

Search Employee by Joined Year

 HR Management

File

Add Employ...
Search Empl...
Update Employ...
Remove Employ...
Queries
Test
Training




E077

1974-04-26

9014328050

Female

Kakinada



Search by Id

Search by year

2010

Get Data

Total Employees
Marketing Dept.
Admi Dept.
Acco Dept.
QualityDept.
Comp Dept.
Prog Dept.

79
13
18
14
13
5
16

empid	fname	lname	gender	dob	emailid	phno	city	zipcode	datejoin...	salary	role	qualifica...	dept	dept_id	training	score1	score2	training2
E028	SWATHY	RAJESH	Female	1999-01...	hrishabt...	9074833...	North D...	110006	2010-09...	25365	Employ...	B.Tech.	Marketi...	D001	Soft-Ski...	76	87	
E030	Varalaks...	MR	Female	1994-12...	pranayr...	6282329...	North G...	403530	2010-09...	82000	Employ...	Ph.D.	Adminis...	D002	Soft-Ski...	78	89	
E001	Mahi	Shinoy	Male	1990-05...	rahimdy...	8456123...	Ri Bhoi	793103	2010-09...	74000	Employ...	M.Tech.	Program...	D004	Marketi...	80	60	PHP
E003	Muham...	Shajahan	Male	1990-12...	abhikris...	9456123...	East Gar...	794110	2010-09...	24000	Employ...	IT	Program...	D003	Technic...	82	62	
E004	Dhruv	Dinesh	Male	1989-12...	adarshsi...	8478475...	Chamraj...	571442	2010-08...	52000	Employ...	M.Tech.	Marketi...	D001	TimeMa...	83	63	
E052	Anugrah	Namibiar	Male	1996-01...	shryyain...	9487521...	Adilabad	504251	2010-09...	96000	Employ...	M.Tech.	Account...	D005	TimeMa...	80	86	
E054	Santhosh	Mamidis...	Male	1999-02...	venusudr...	7736712...	East Sika...	737113	2010-09...	74000	Employ...	M.Sc.	Adminis...	D002	PHPDev...	82	88	
E055	Abhinand	M S	Male	1988-02...	mithunp...	7330983...	Coimbat...	642205	2010-08...	45000	Employ...	B.Tech.	Marketi...	D001	Soft-Ski...	83	89	
E031	Navneeth	Krishna	Male	1992-02...	ketonea...	7012427...	Gandhi ...	382640	2010-08...	96000	Employ...	B.Tech.	Quality...	D004	Professi...	79	90	

17

Update Employee

Admin can update the details of respective use cases. There are two features in Update. We can get the details of respective id either by moving the focus to another box

The screenshot shows the 'Update Employee' form in the HR Management System. The form is titled 'Update Employee...' and is part of a larger application window. It contains various input fields for employee details, including Emp Id, Role, Fname, Last Name, Gender, Qualification, DOB, DateJoin, Email, City, Mob No, Training, Zip Code, Dept Id, and Department. The 'Update Database' button is visible at the bottom right.

Update Employee Automatically Filled Data When ID is given

The screenshot shows the 'Update Employee' form in the HR Management System with data automatically filled in. The form is titled 'Update Employee...' and is part of a larger application window. It contains various input fields for employee details, including Emp Id, Role, Fname, Last Name, Gender, Qualification, DOB, DateJoin, Email, City, Mob No, Training, Zip Code, Dept Id, and Department. The 'Update Database' button is visible at the bottom right.

Successfully Updated Employee

HR Management

File

Add Employ... Search Employ... Update Employ... Remove Employ... Queries Test Training

Emp Id E016 Role Employee

Fname Bandara Last Name Mohammed Sami Shaik

Gender Male Female Other Qualification M.Tech.

Database

Updated data successfully
Update employee set name = 'Bandra', name = 'Mohammed Sami Shaik', gender = 'Male', dob = '1995/2/12', datejoin = '2017/2/4', emailid = 'venkatasubbarao173@gmail.com', phno = '8451234568', city = 'Tirap', zipcode = '792129', role = 'Employee', qualification = 'M.Tech.', dept = 'Marketing'

OK

Female

Guntur

Email venkatasubbarao173@gmail.com City Tirap

Mob No 8451234568 Training Soft-Skills

Zip Code 792129 Dept Id D001

Department Marketing

Update Database

Remove Employee

Admin can remove details in use case by giving id. Before removing, employees or admin can check the details of respective id in the table given below and confirm whether to remove or not by verifying with dialogue box.

HR Management

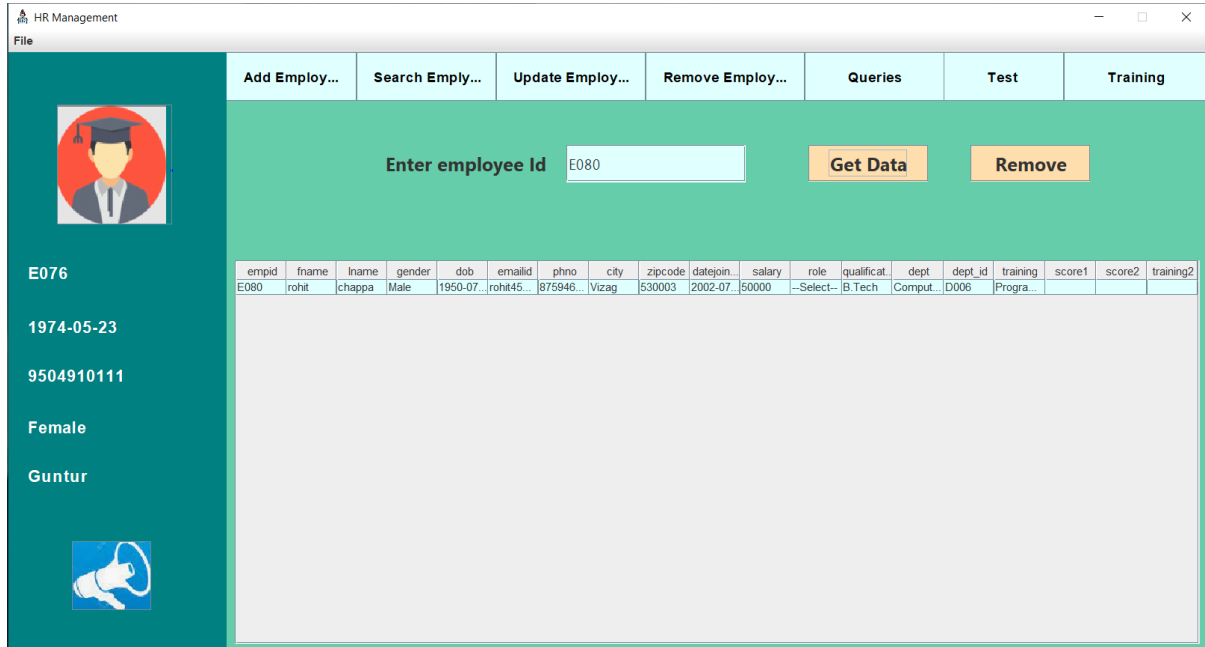
File

Add Employ... Search Employ... Update Employ... Remove Employ... Queries Test Training

Enter employee Id

Get Data Remove

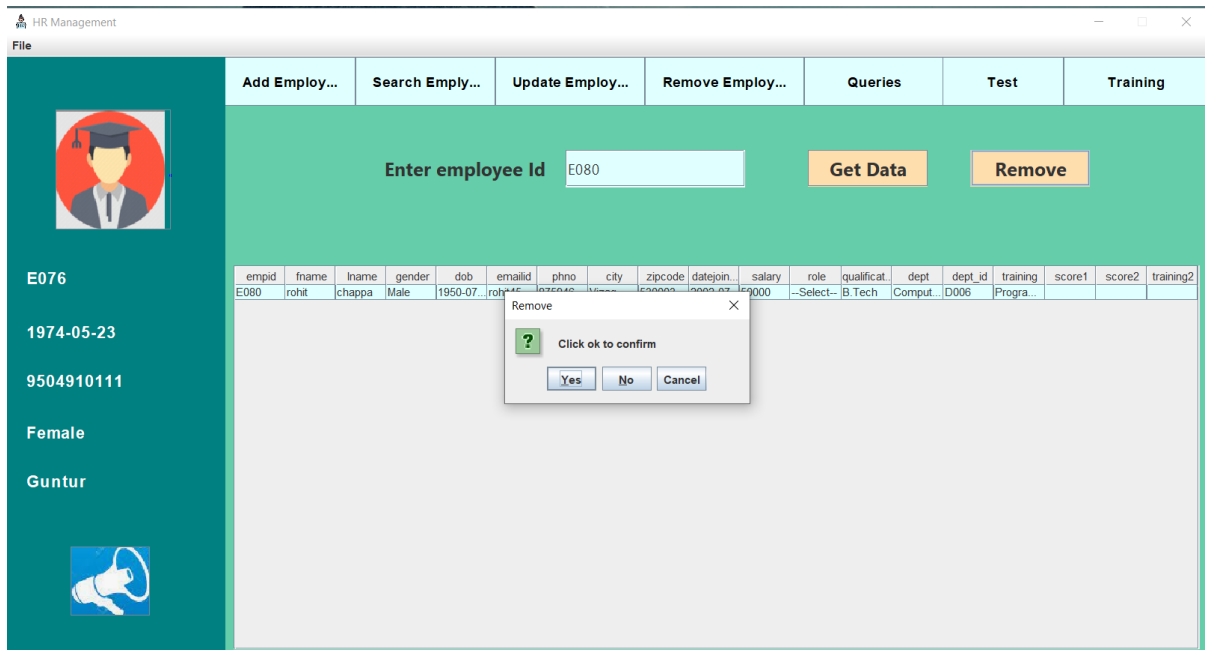
empid	fname	lname	gender	dob	emailid	phno	city	zipcode	datejoin	salary	role	qualifica	dept	dept_id	training	score1	score2	training2
E023	Aiswarya	Satheesh	Female	1989-01	gautha...	945123	Chandig	160003	2019-02	98000	Employ...	Ph.D	Quality	D004	Professi	71	82	
E027	Anagha	Viju	Female	1999-11	harshhp	949541	North D	110006	2017-09	41000	Employ...	M.Tech	Quality	D004	Professi	75	96	
E037	Amritha	Naraya...	Female	1985-12	mohitb	704246	North G	403508	2015-02	24000	Employ...	M.Sc	Quality	D004	PHPDe...	85	96	
E044	Gouri	S Vipin	Female	1978-05	pourna...	944095	Kollam	691573	2015-04	52000	Employ...	M.Sc	Quality	D004	PHPDe...	92	78	
E080	rohit	chappa	Male	1950-07	rohit45...	875946	Vizag	530003	2002-07	50000	--Select--	B.Tech	Comput...	D006	Progra...			
E002	Konda	Venkata...	Female	1965-12	abhay2...	945612	East Ga...	794111	2012-05	45000	Employ...	Ph.D	Adminis...	D002	PHPDe...	81	61	
E010	Gautham	Krishna...	Female	1980-09	ananthu...	745874	Hydera...	500034	2015-02	25365	Employ...	B.Tech	Account...	D005	PHPDe...	89	69	
E021	Anfas	Hassan V	Female	1985-10	laxmilaz	745123	Arwal	804401	2014-06	24000	Employ...	M.Tech	Account...	D005	PHPDe...	100	80	
E026	Adithya	Krishna	Female	1993-11	sanju30...	944730	South ...	110075	2018-10	32000	Employ...	Ph.D	Account...	D005	TimeMa...	74	85	
E028	SWATHY	RAJESH	Female	1999-01	hrishabt	907483	North D...	110006	2010-09	25365	Employ...	B.Tech	Marketing	D001	Soft-Sk...	76	87	
E029	Nandita	Sangeeth	Female	1991-04	varghes...	829934	North G...	403503	2012-05	21322	Employ...	M.Sc	Account...	D005	TimeMa...	77	88	
E030	Varalak	MR	Female	1994-12	pranayr...	628232	North G...	403530	2010-09	82000	Employ...	Ph.D	Adminis...	D002	Soft-Sk...	78	89	
E032	Anushka	Kaimal	Female	1958-05	varunko...	944706	Gandhi	362810	2015-12	26000	Employ...	M.Sc	Adminis...	D002	TimeMa...	80	91	
E039	Roopaa	Ravali	Female	1998-04	lycanro...	823845	Pondich	605110	2018-05	86000	Employ...	IT	Account...	D005	Professi	87	98	
E045	Charish	Akshay	Female	1975-05	surekha	944750	Palakkad	679503	2012-03	86000	Employ...	Ph.D	Progra...	D003	Professi	93	79	
E047	Parvathy	G Pillai	Female	1975-10	rangine...	994302	Adilabad	504273	2018-11	32000	Employ...	B.Tech	Progra...	D003	Technic	95	81	
E013	Gopisetty	Venkata...	Male	1995-04	rsm.raja	947581	Nicobar	744301	2019-02	98000	Admin	Ph.D	Adminis...	D002	PHPDe...	92	72	
E017	Daketi	Karav Tej	Male	1965-12	bharath	945612	East Si...	737135	2015-04	25245	Admin	Ph.D	Progra...	D003	Technic	96	76	
E058	Sai	Manasa	Female	1999-02	udamal	970367	East Si...	737106	2014-03	86000	Employ...	M.Sc	Adminis...	D002	PHP D...	86	92	
E059	Avadhuta	Sai Varun	Female	1987-05	varunnk...	812917	Coimba...	641663	2014-02	45000	Employ...	Ph.D	Account...	D005	TimeMa...	87	93	
E064	Parvathi	PK	Female	1994-09	akshara	892189	Madurai	625501	2019-02	86000	Employ...	B.Tech	Account...	D005	PHPDe...	92	98	
E001	Mahi	Shinoy	Male	1990-05	rahimdy	845612	Ri Bhoi	793103	2010-09	74000	Employ...	M.Tech	Progra...	D004	Marketing	80	60	PHP
E003	Muham.	Shajahan	Male	1990-12	abhihs...	945612	East Ga...	794110	2010-09	24000	Employ...	IT	Progra...	D003	Technic	82	62	
E004	Dhruv	Dinesh	Male	1989-12	adarshs	847847	Chamra	571442	2010-08	52000	Employ...	M.Tech	Marketing	D001	TimeMa...	83	63	

Remove Employee by ID


empid	fname	lname	gender	dob	emailid	phno	city	zipcode	datejoin	salary	role	qualificat	dept	dept_id	training	score1	score2	training2
E080	rohit	chappa	Male	1950-07...	rohit45...	875946...	Vizag	530003	2002-07...	50000	--Select--	B.Tech	Comput...	D006	Progra...			

Remove Employee

Prompt Box to confirm Removing



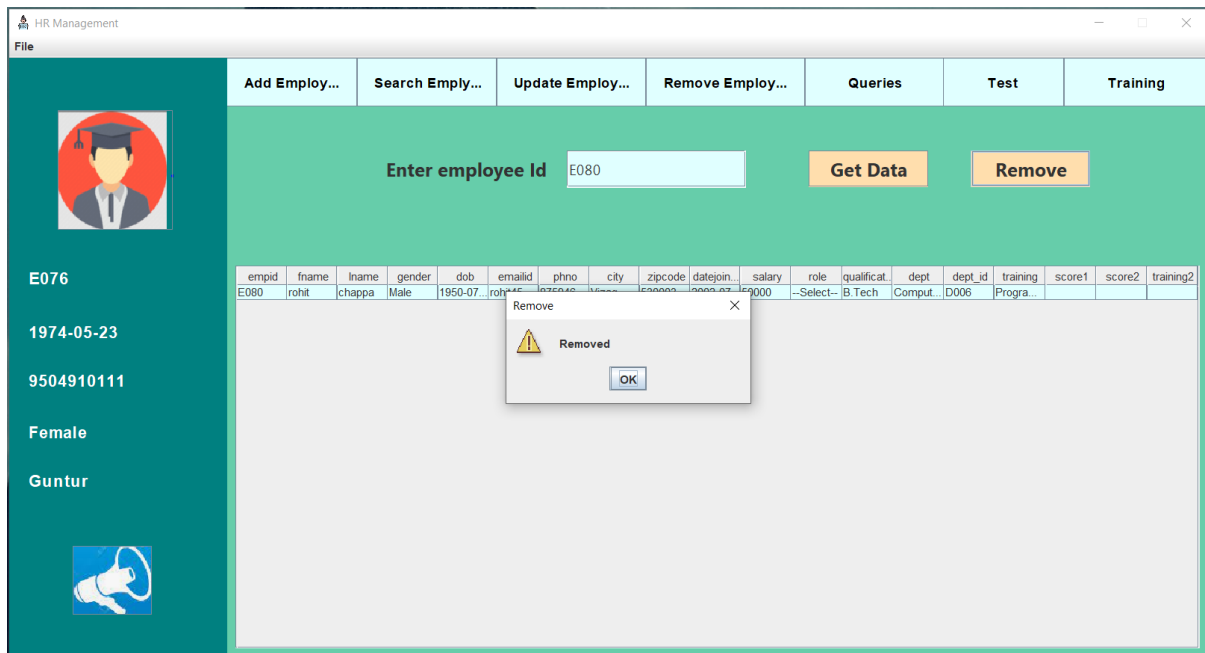
Remove

Click ok to confirm

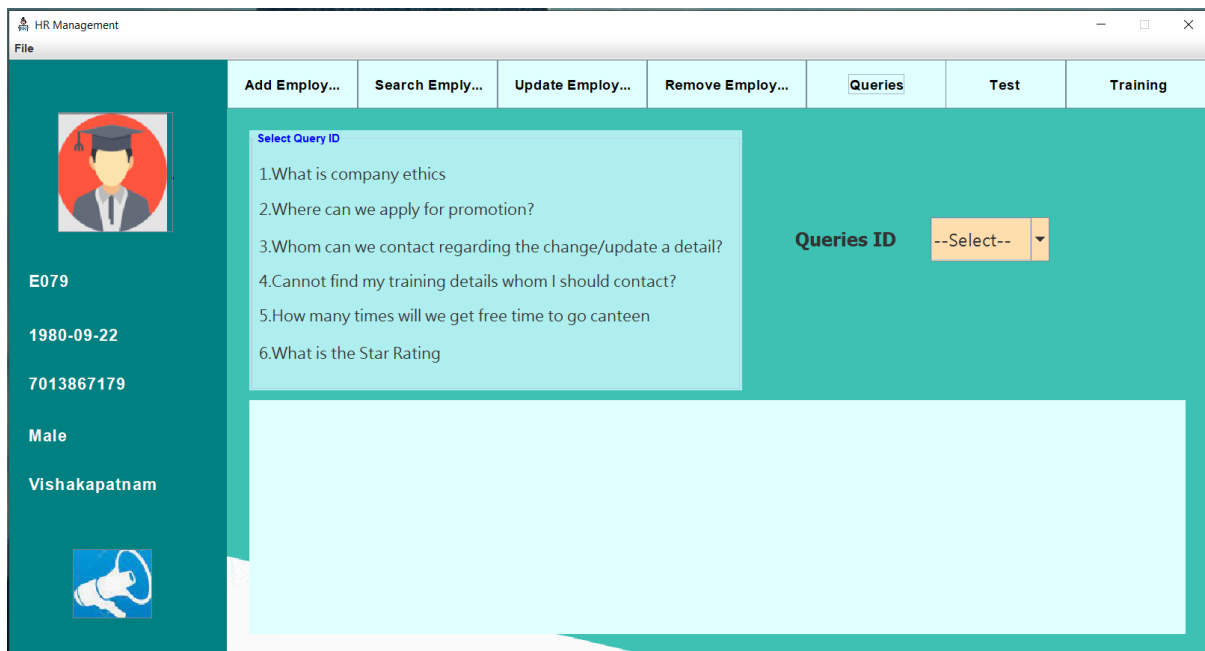
Yes No Cancel

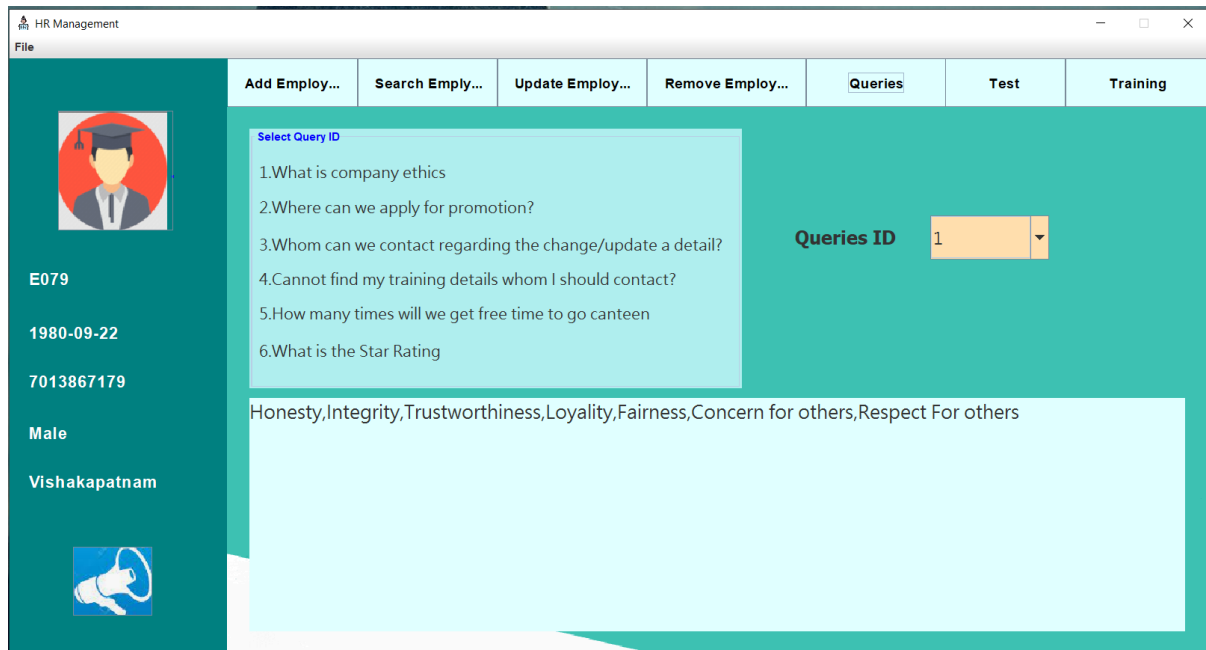
Successfully Removed Employee

Prompt Box for removed Successfully.

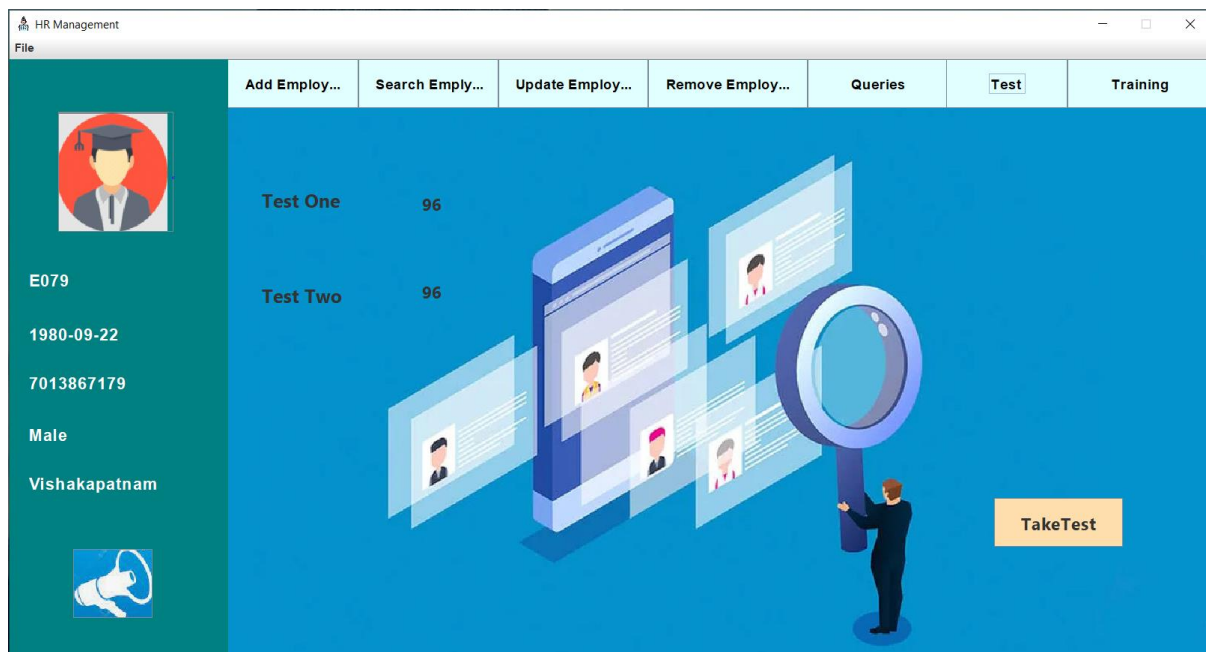
Queries

Select the Query question Number to display its Solution.



Successfully Returned Queries AnsTest Details

Two Test Scores are Displayed




Test

Employee can Write Exam.

HR Management

File

Add Employ... Search Employ... Update Employ... Remove Employ... Queries Test Training




E079

1980-09-22

7013867179

Male

Vishakapatnam



1. What are your Future Goals as an Employee?

2. Why do you Want to Work For our Company?

3. What do you see as a trend that will change Human resources in the Next 5 years?

4. What do you like most About working in Human Resources ?

5. What is Something we could improve as a Company ?


Submit

Training

HR Management

File

Add Employ... Search Employ... Update Employ... Remove Employ... Queries Test Training




E079

1980-09-22

7013867179

Male

Vishakapatnam



Training Details

HRManagement

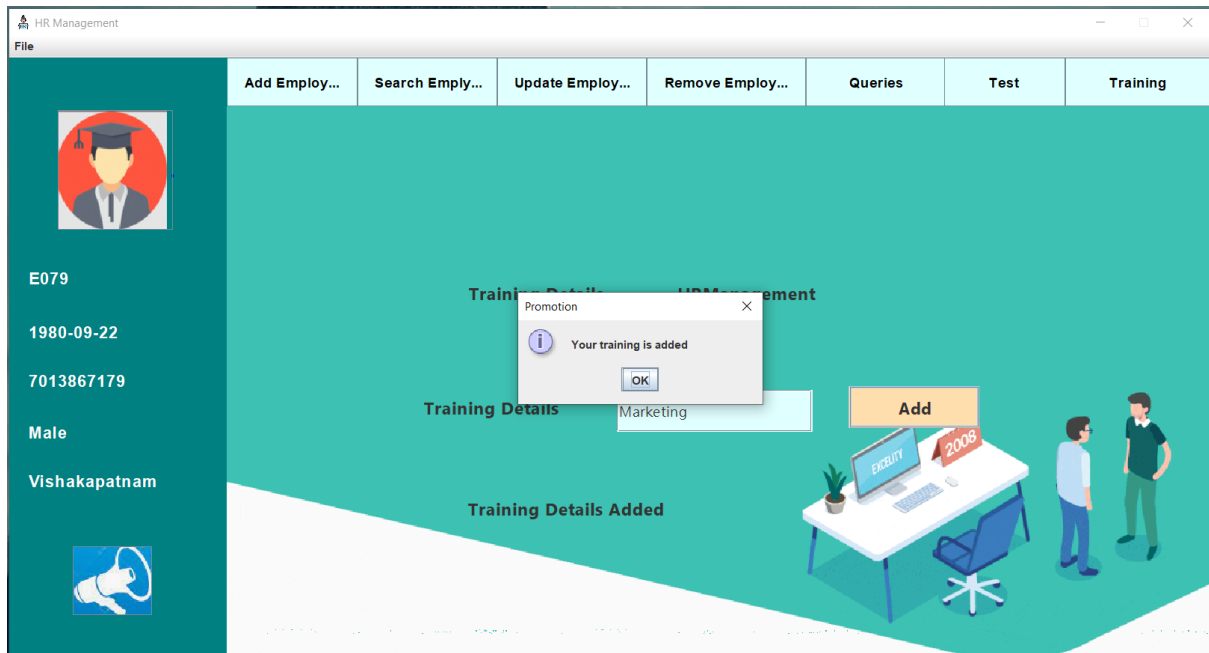
Training Details

Add

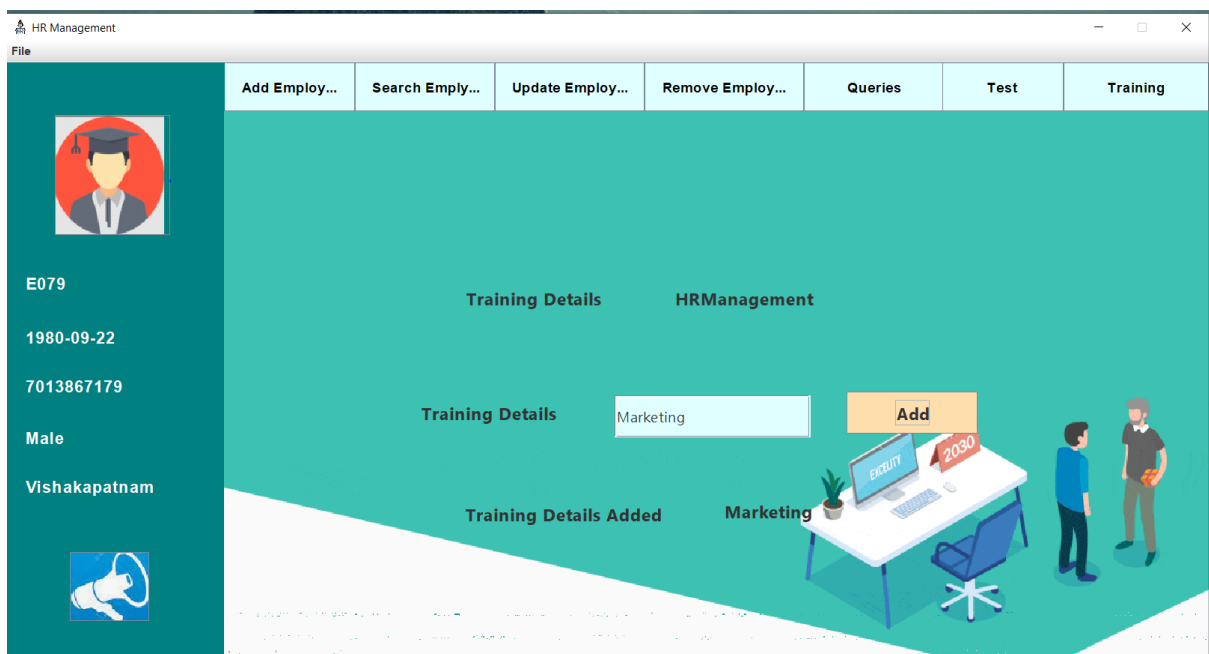
Training Details Added

2030

Training Details Added Successfully



Training Details Added Successfully and Displayed



Employee Login Screen

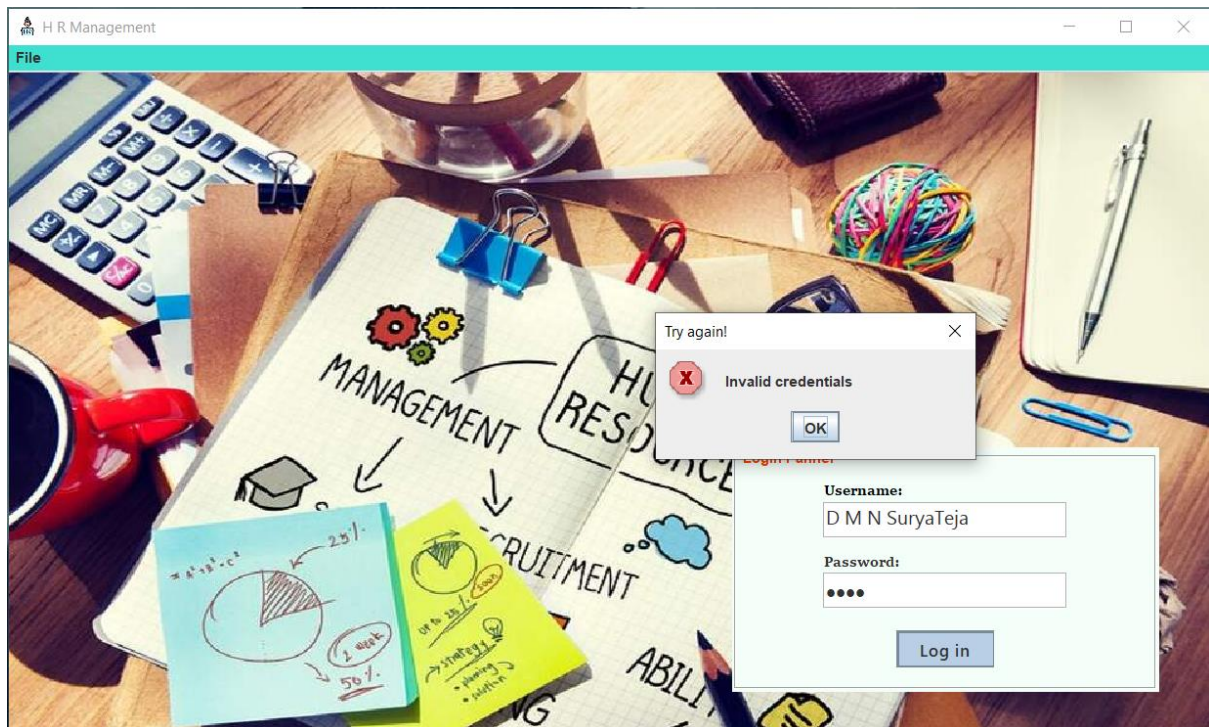
No Add Employee, Remove Employee, Update Employee

The screenshot shows the 'HR Management' application window. The sidebar on the left contains a user profile for 'E001' (Mahi Shinoy) with details: 1990-05-17, 8456123785, Male, Ri Bhoi. The main area displays employee details for 'Mahi Shinoy' with the following information:

Field	Value
Name	Mahi Shinoy
E-Mail	rahimdysp@gmail.com
Department	Programming
Role	Employee
Dept Id	D004
Qualification	M.Tech.
Date Joined	2010-09-09
Salary	74000

Validators are Displayed if Incorrect Data is Entered


The screenshot shows the 'Checking Database...' window with a login form. The 'Username' field contains 'postgres' and the 'Password' field is masked with dots. A 'Log in' button is visible. A 'Failed' dialog box is displayed over the login form, indicating 'Incorrect Username/Password'. The background of the application window shows a desk with a notebook, a pen, and a calculator.




HR Management

File

Add Employ... Search Employ... Update Employ... Remove Employ... Queries Test Training

 E079
1980-09-22
7013867179
Male
Vishakapatnam



Emp ID Will be given by System Role --Select--

First Name Last Name

Gender ☒ Male ☐ Female ☐ Other Qualification

DOB DD: --Select-- M: --Select-- YYYY: --Select--

Joined Date DD: --Select-- YYYY: --Select--

E-Mail City

Mob No. Dept ID --Select--

Zip Code: Department --Select--

Salary Training

Add to Database

Name validator
Name should be more than 3 char
OK

The screenshot shows the HR Management System interface. On the left is a sidebar with a user profile (E079, 1980-09-22, 7013867179, Male, Vishakapatnam) and a megaphone icon. The main area has a navigation bar with buttons: Add Employ..., Search Employ..., Update Employ..., Remove Employ..., Queries, Test, and Training. Below this is a form with five questions:

1. What are your Future Goals as an Employee?
2. Why do you Want to Work For our Company?
3. What do you see as a trend in the Next 5 years?
4. What do you like most About us ?
5. What is Something we could improve as a Company ?

A modal dialog box titled 'Answer' is open over the third question, showing a warning icon and the message: 'Ans should be more than 3 char'. There is an 'OK' button in the dialog. A 'Submit' button is at the bottom right of the form.

Tools Used in Front End and Back End

Front End

1.Eclipse

Back End

1.pgadmin

Tables Schema

Employee(empid,fname,lname,gender,dob,emailid,phno,city,zipcode,datejoined,salary,role,qualification,dept,dept_id,training,score1,score2,training2);

Qualification(id,promo,adm);

Query(id,ans);

Test(id,ans1,ans2,ans3,ans4,ans5);

-----Thanking You-----