Java SL KK - RLL Group 7

PROJECT :
EMPLOYEE PAYROLL MANAGEMENT

Group 7 : Team members

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7	2564019	Gellela Sumalatha
7	2563818	Gurram Ashwini
7	2563540	Kotti Aiswarya Valli

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Introduction

- Employee payroll management system is an Internet-based Java application that automates the working of a company or work center that manage and maintain records of the employees
  - leaves, work,
  - attendance and
  - salary.

- It is a software solution that automates the process of calculating and distributing employee paychecks.

Objective

The Primary objective of the design is to deliver the requirement as delivered by the feasibility report. There are some objective we kept in mind.

- **Practically** : The system is quite stable and can be operated by the Employees with average intelligence.
- **Efficiency** : We tried to improve accuracy and productivity.

Employee payroll management is the process of calculating and distributing wages to employees.

It involves managing various aspects such as time tracking, payroll processing, tax deductions, and compliance.

Effective payroll management ensures accurate and timely payment to employees, reducing errors and improving employee satisfaction.

XIPHIAS

payroll management process

- Payroll Management software system helps you to line the vacation and leaves details for entire year.

- Payroll software system permits you to keep up the complete personal details of all workers, with the identification and additionally contact data. you may effortlessly set increment and details of loans given to workers of the corporate.

Tools & Languages

Back End

- ✓ Spring Tool Suite
- ✓ MySQL
- ✓ Spring boot
- ✓ Postman
- ✓ Junit

Front End

- ✓ Angular

Features

- User friendly.
- Easy to use. It is completely secure.
- This system is easily compatible with most of the web browsers.
- Admin can access all the records .
- Store the end-end data of employees & Admins.

Advantages

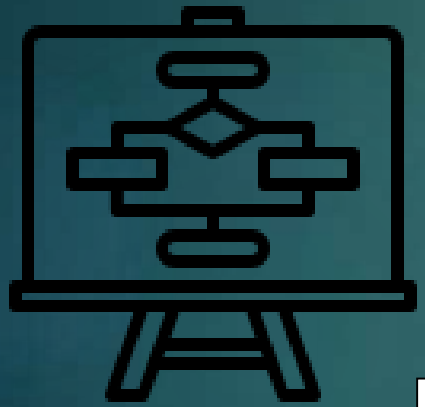
Helps the admin easy way to access the employee data

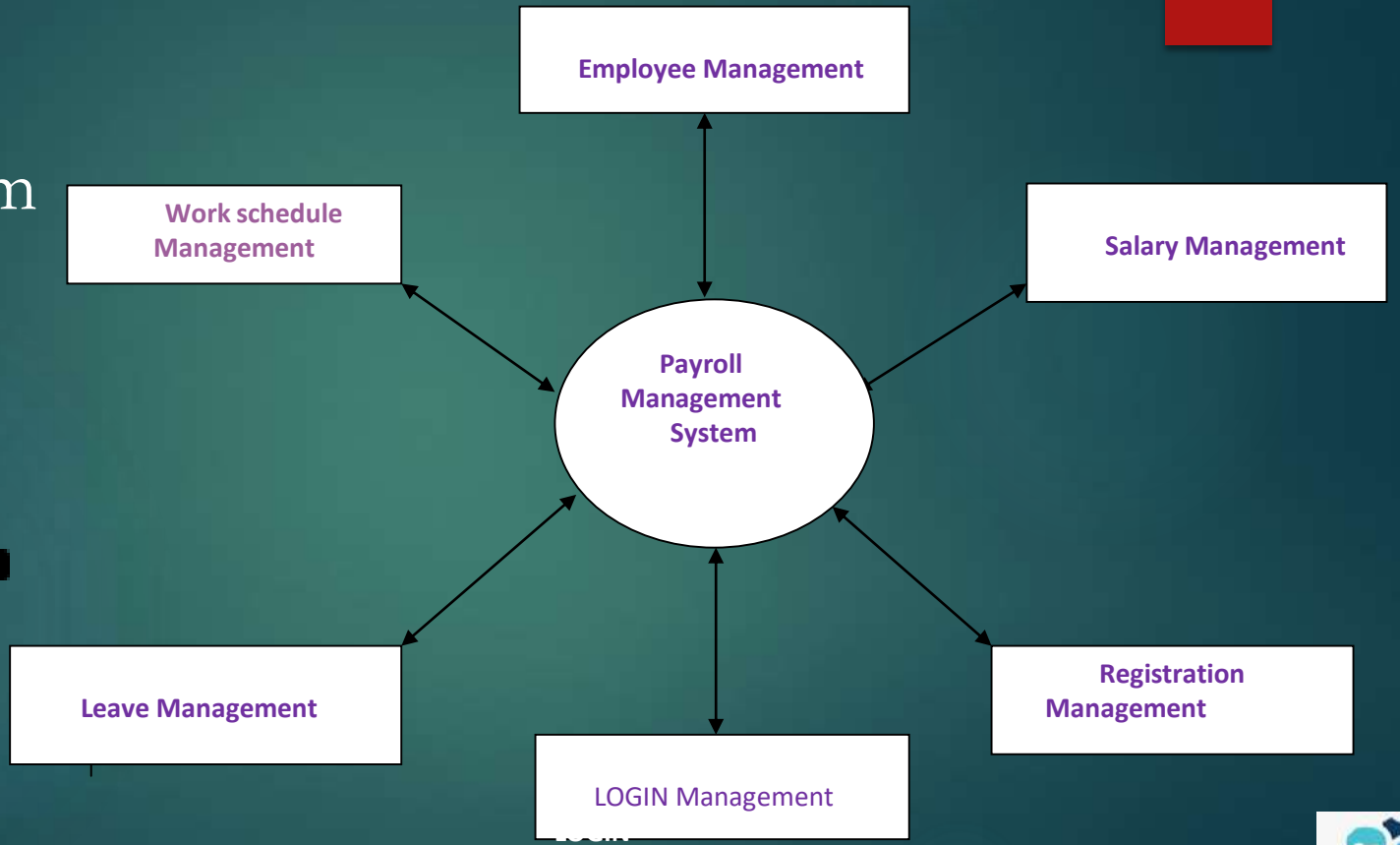
Store the end-to-end data of the employees

The information related to employee can be added and removed easily

Helps the employee easy way to access their data

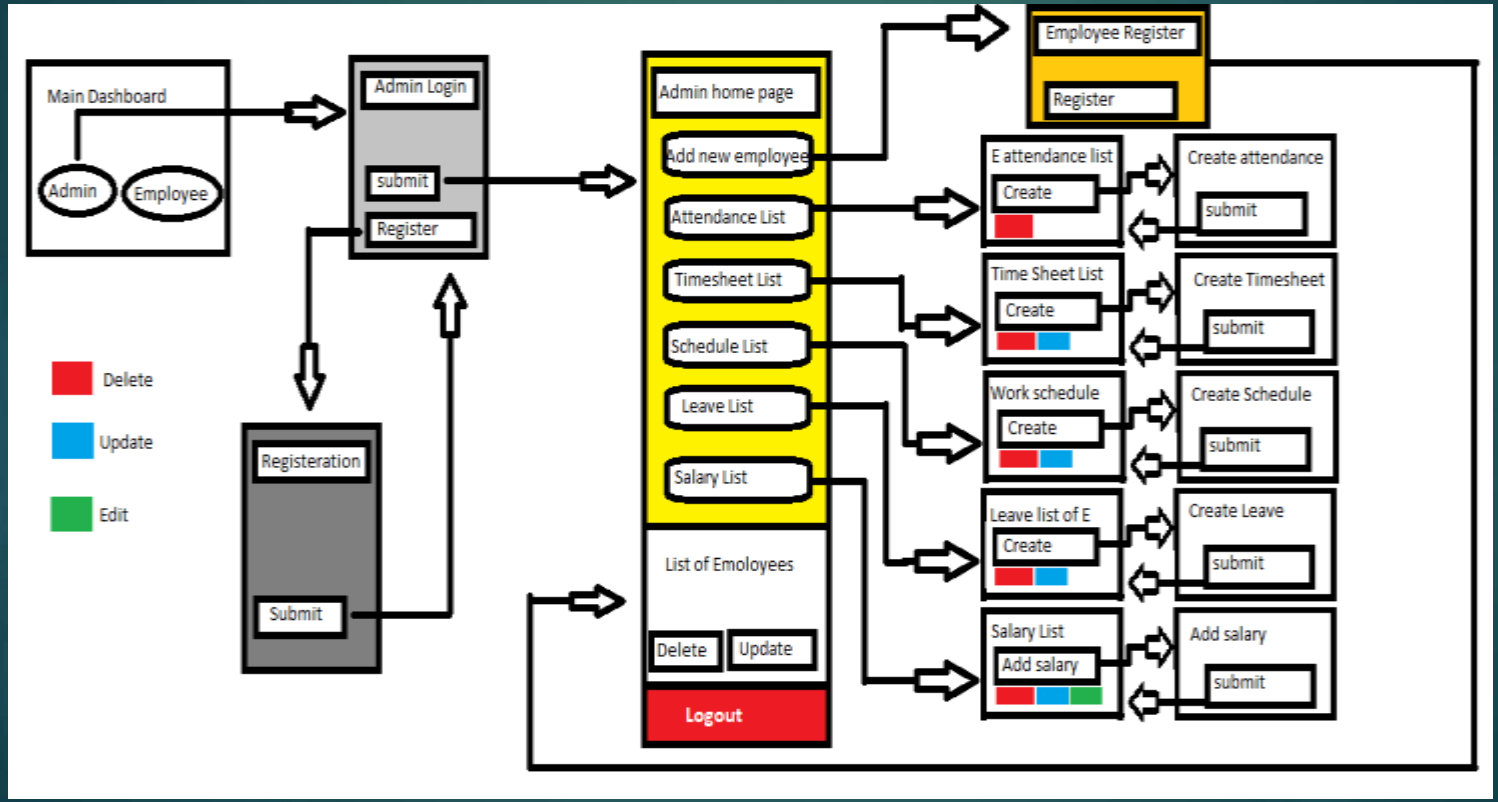
Block Diagram





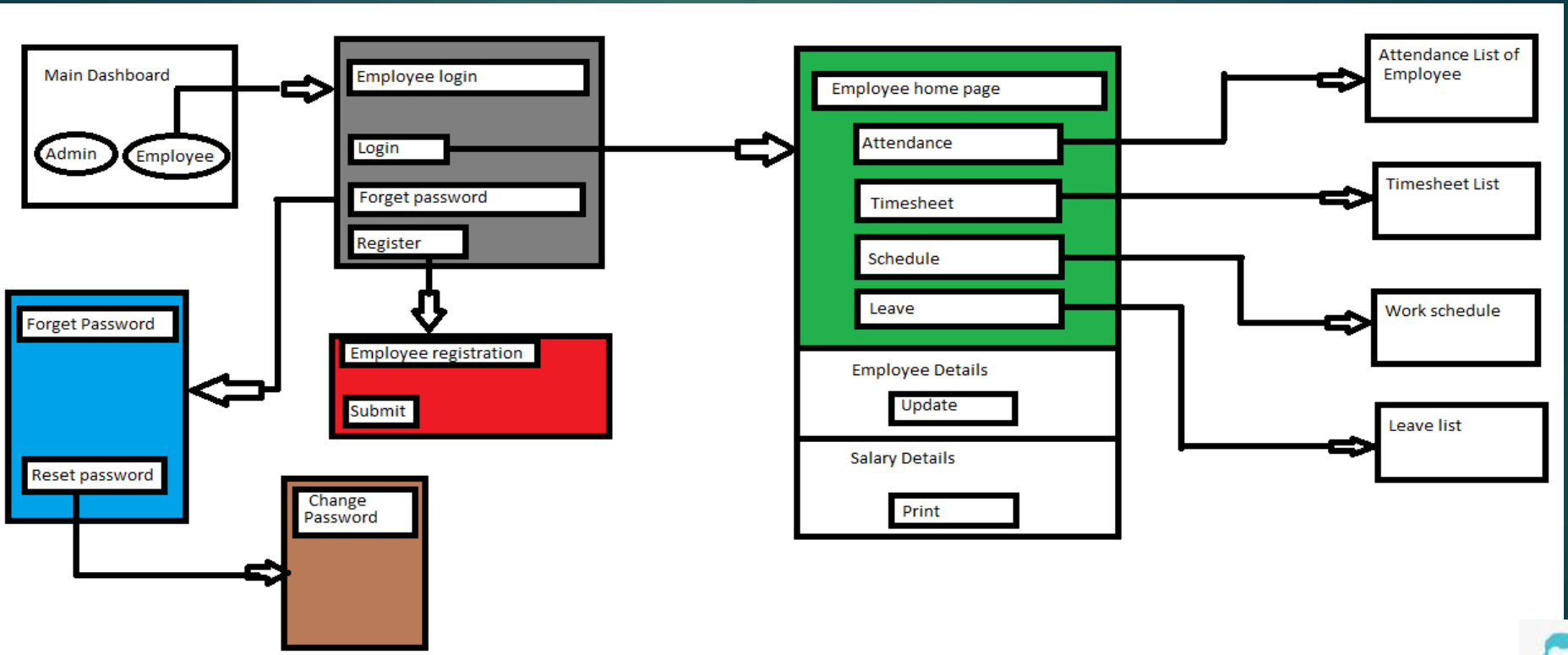
(Admin Operations)

Admin Flow


Main Dashboard
Admin
Employee
Admin Login
submit
Register
Registeration
Submit
Delete
Update
Edit
Admin home page
Add new employee
Attendance List
Timesheet List
Schedule List
Leave List
Salary List
List of Emoloyees
Delete
Update
Logout
Employee Register
Register
E attendance list
Create
Create attendance
submit
Time Sheet List
Create
Create Timesheet
submit
Work schedule
Create
Create Schedule
submit
Leave list of E
Create
Create Leave
submit
Salary List
Add salary
Add salary
submit

(Employee Operations)

Employee Flow

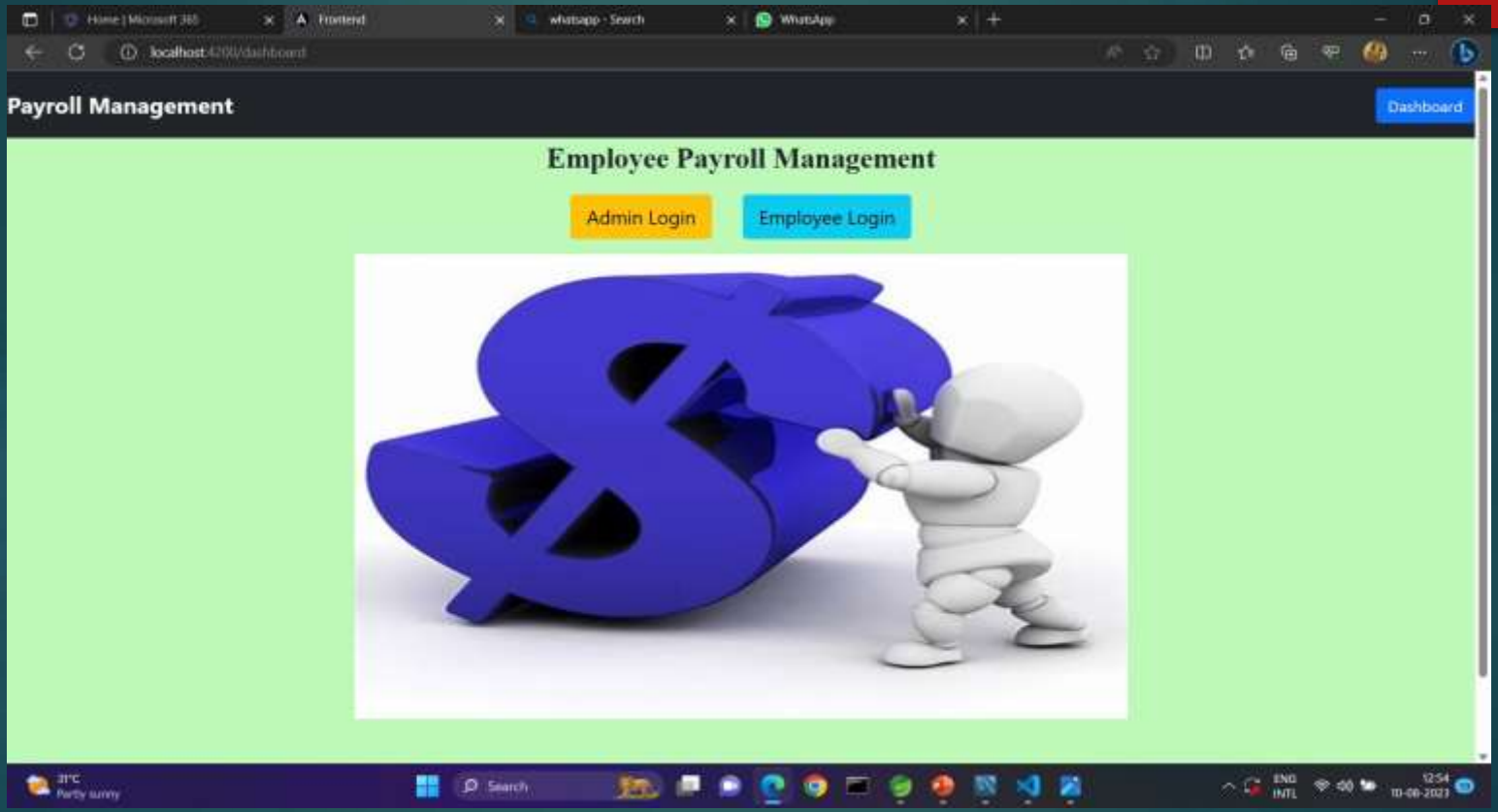


Employee Dashboard

- After successful login of employee, there will be a dashboard with 5 main components that can perform respective functionality.

- They are:
  - ✓ Salary details
  - ✓ Attendance
  - ✓ Timesheet
  - ✓ Schedule
  - ✓ Leave

Dashboard


Payroll Management
Dashboard
Employee Payroll Management
Admin Login
Employee Login

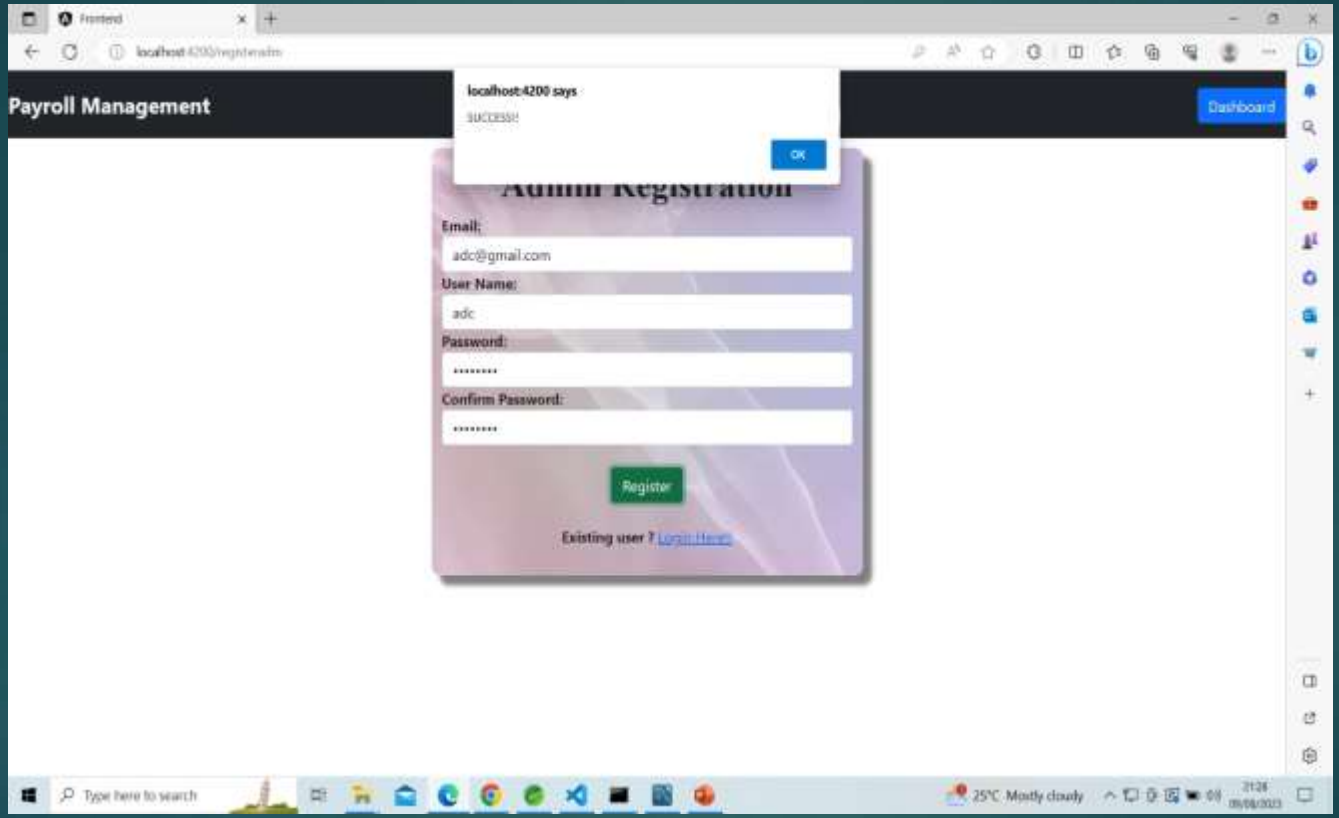
Admin Dashboard

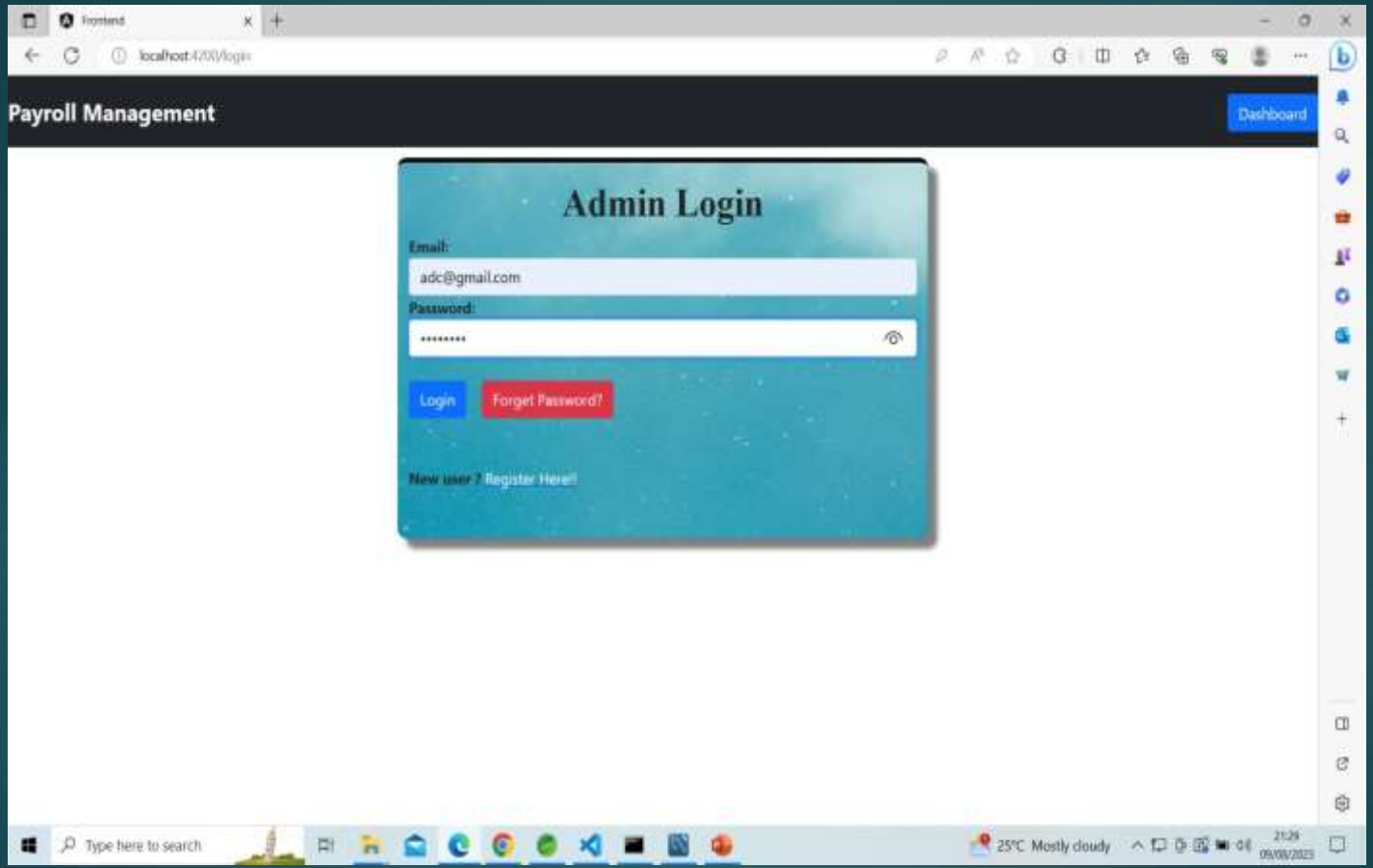
In the admin dashboard, there are 6 components which perform respective functionality,they are:

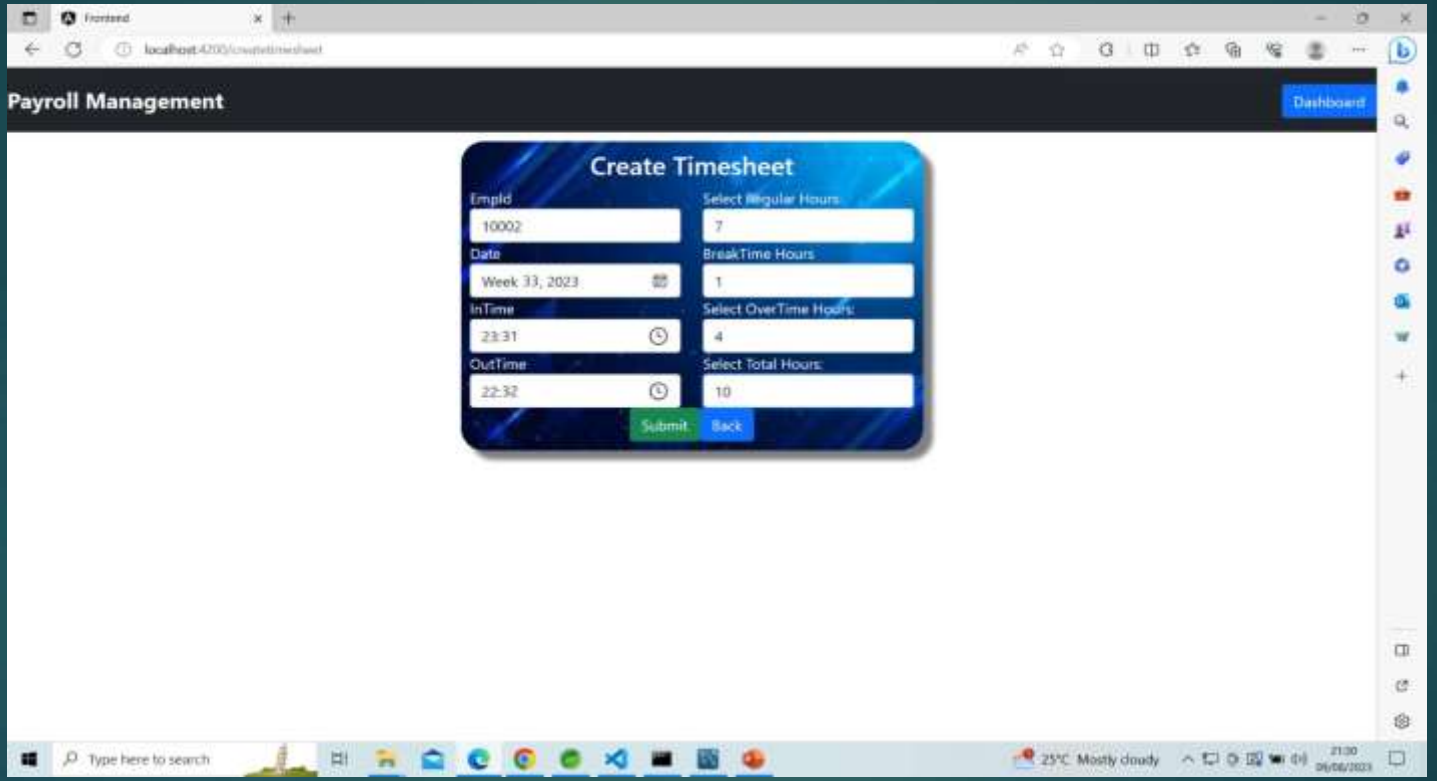
- ✓ Add new employee
- ✓ Attendance list
- ✓ Timesheet list
- ✓ Work schedule list
- ✓ Leave list
- ✓ Salary list

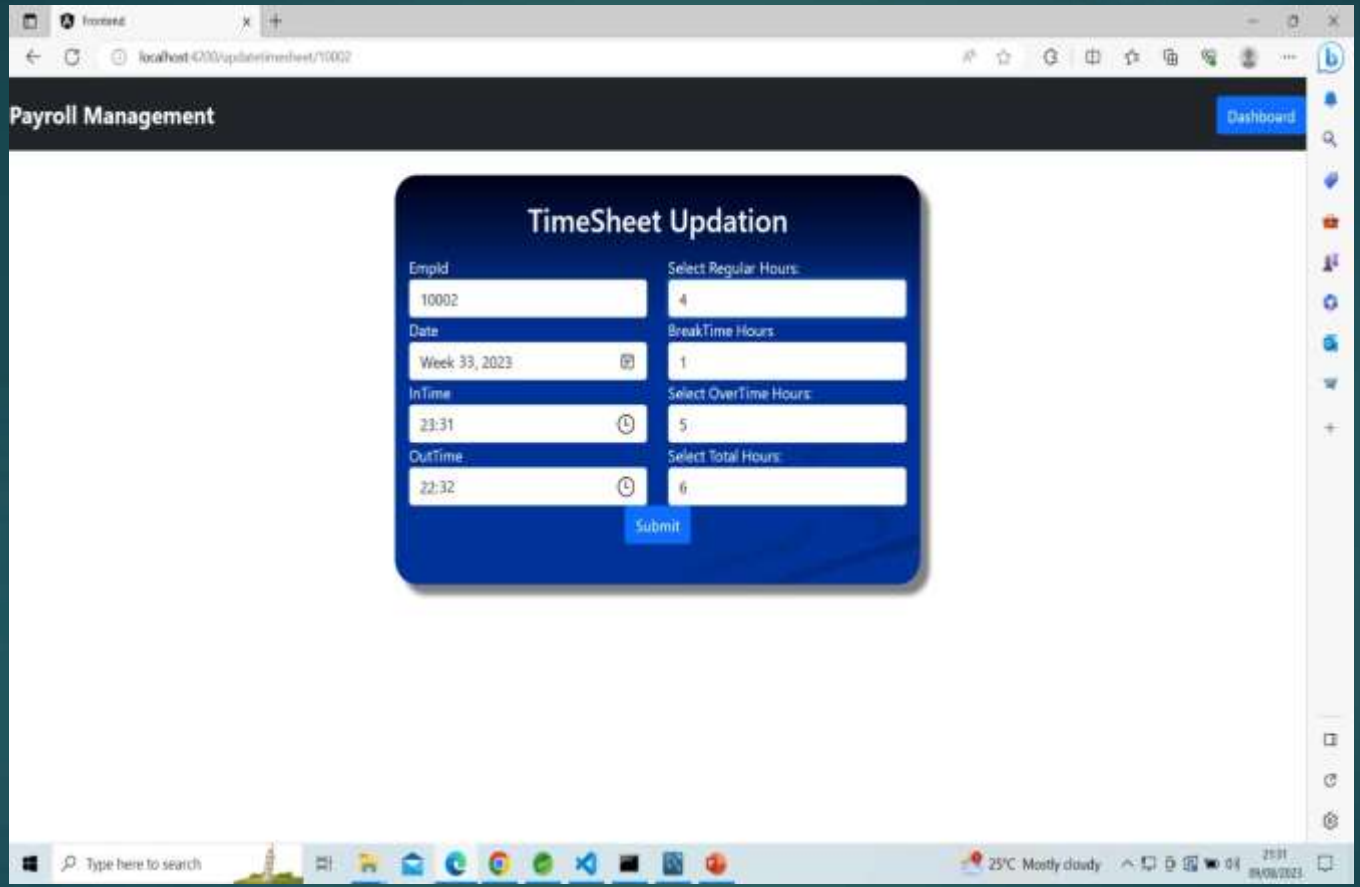
Varshitha BS:(SHEETS)

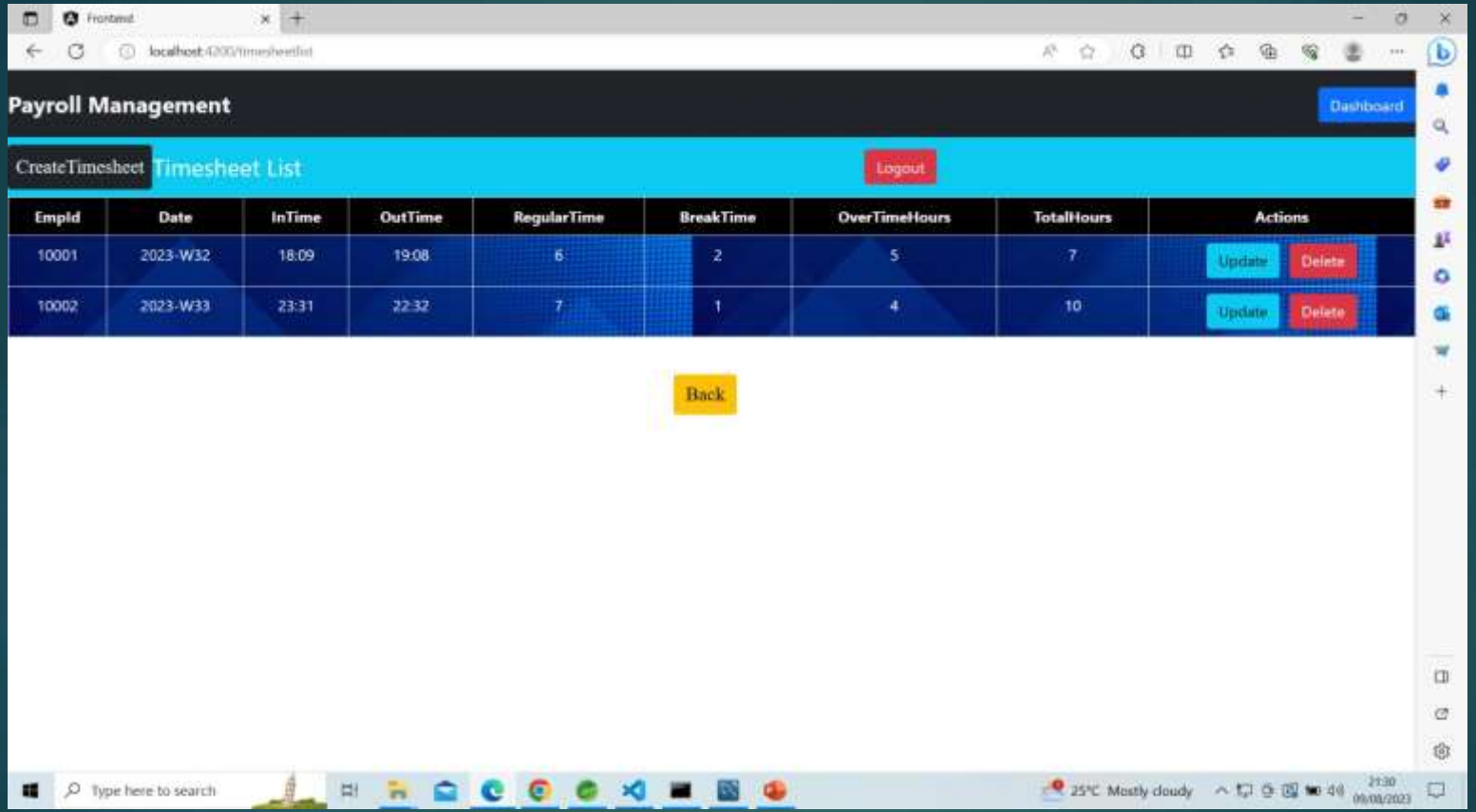
1. registration for admin-BE
2. login for admin-BE
3. Adding time sheets/ Updating time sheet -BE
4. Deleting time sheets-BE
5. Adding time sheets/ Updating time sheet -FE
6. Deleting time sheets-FE

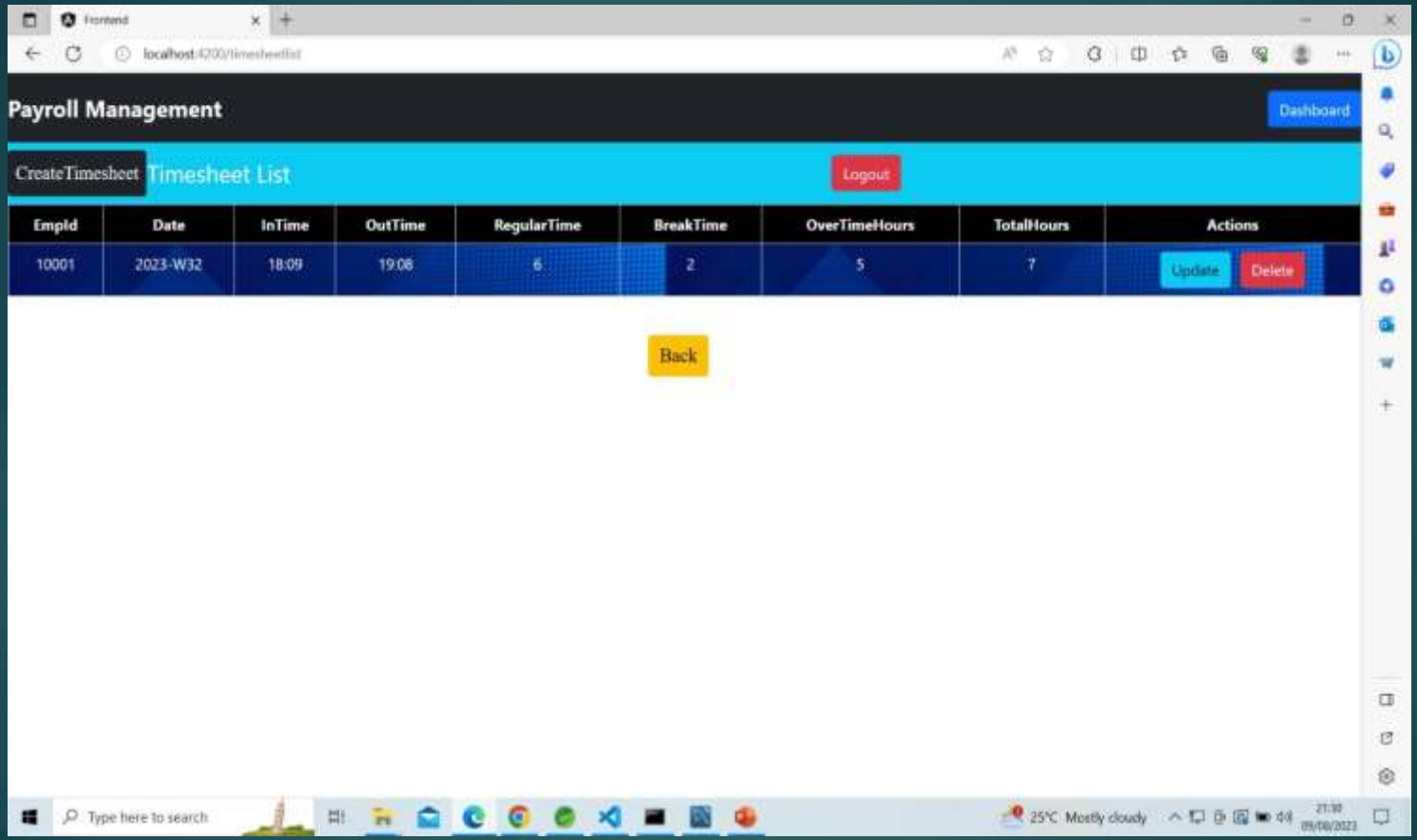

Frontend
Payroll Management
Dashboard
localhost:4200 says
SUCCESS!
OK
Email:
adc@gmail.com
User Name:
adc
Password:
Confirm Password:
Register
Existing user ? Login Here
Type here to search
25°C Mostly cloudy

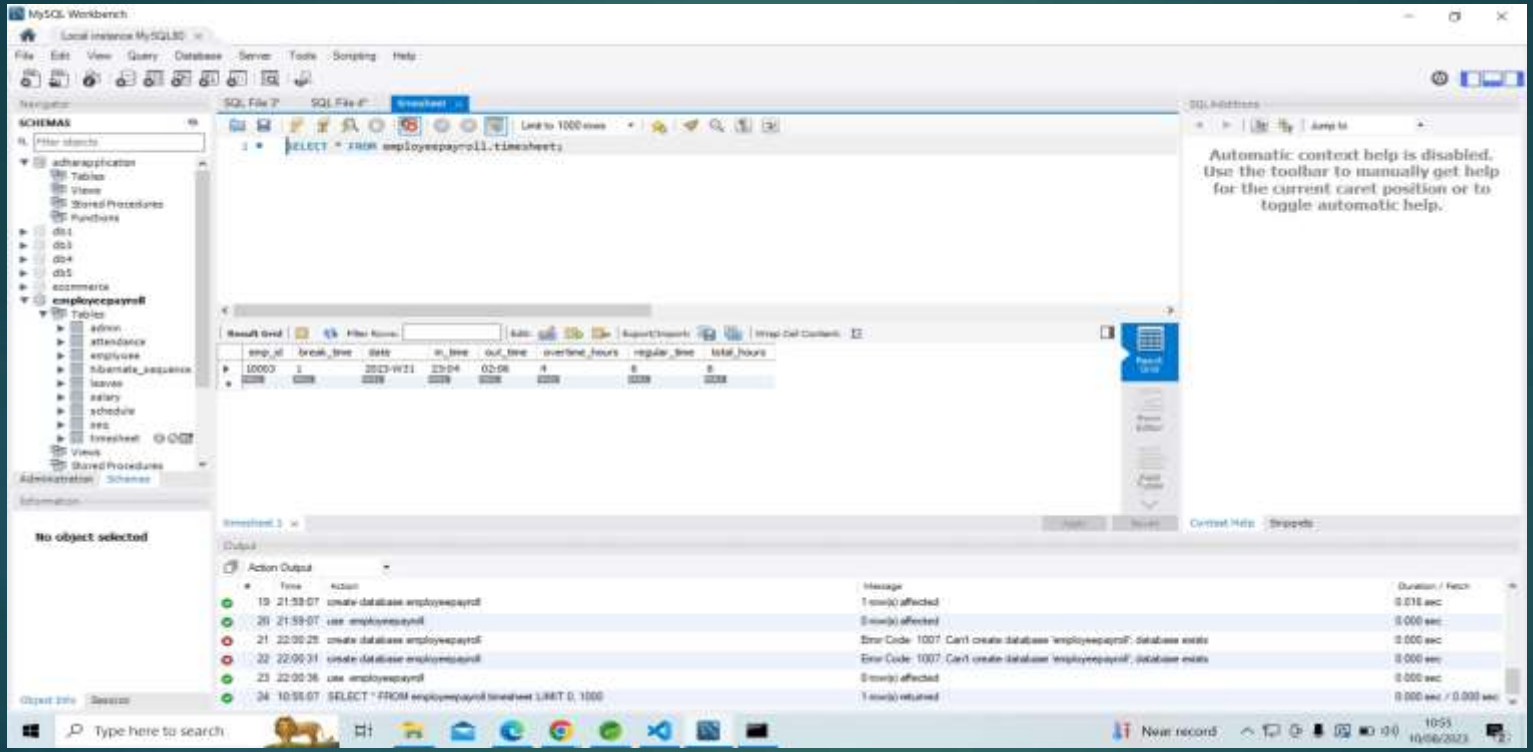

Payroll Management
Dashboard
Admin Login
Email:
adc@gmail.com
Password:
Login
Forget Password?
New user ? Register Here!!
Type here to search
25°C Mostly cloudy


Frontend
Payroll Management
Dashboard
Create Timesheet
EmpId
10002
Date
Week 33, 2023
InTime
23:31
OutTime
22:32
Select Regular Hours:
7
BreakTime Hours
1
Select OverTime Hours:
4
Select Total Hours:
10
Submit
Back
Type here to search
25°C Mostly cloudy


Payroll Management
Dashboard
TimeSheet Updation
EmpId
10002
Date
Week 33, 2023
InTime
23:31
OutTime
22:32
Select Regular Hours:
4
BreakTime Hours
1
Select OverTime Hours:
5
Select Total Hours:
6
Submit
Type here to search
25°C Mostly cloudy

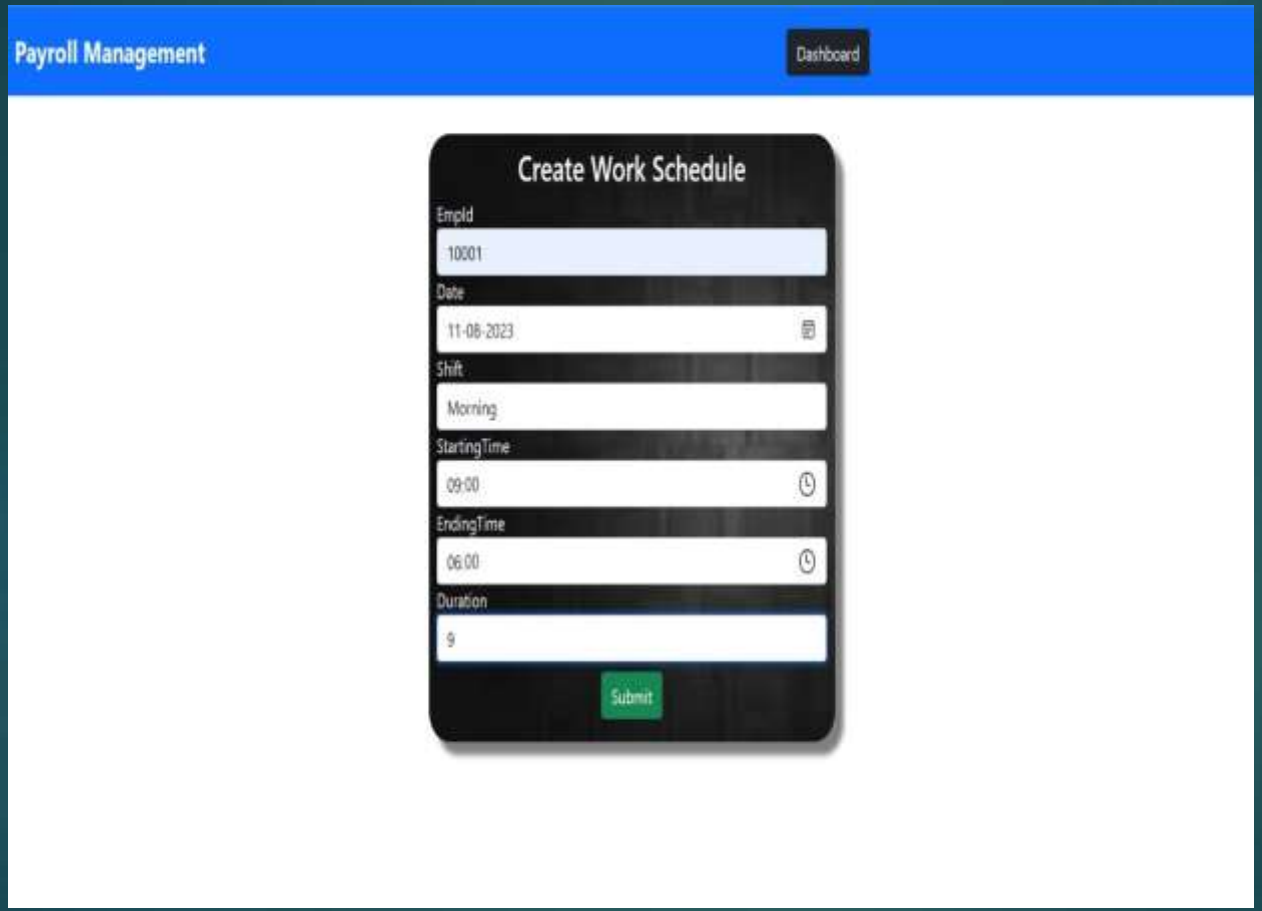

Frontend
localhost:4200/timesheetlist
Payroll Management
Dashboard
CreateTimesheet
Timesheet List
Logout
EmpId
Date
InTime
OutTime
RegularTime
BreakTime
OverTimeHours
TotalHours
Actions
10001
2023-W32
18:09
19:08
6
2
5
7
Update
Delete
10002
2023-W33
23:31
22:32
7
1
4
10
Update
Delete
Back
Type here to search
25°C Mostly cloudy


Frontend
localhost:4200/timesheetlist
Payroll Management
Dashboard
CreateTimesheet
Timesheet List
Logout
EmpId
Date
InTime
OutTime
RegularTime
BreakTime
OverTimeHours
TotalHours
Actions
10001
2023-W32
18:09
19:08
6
2
5
7
Update
Delete
Back
Type here to search
25°C Mostly cloudy

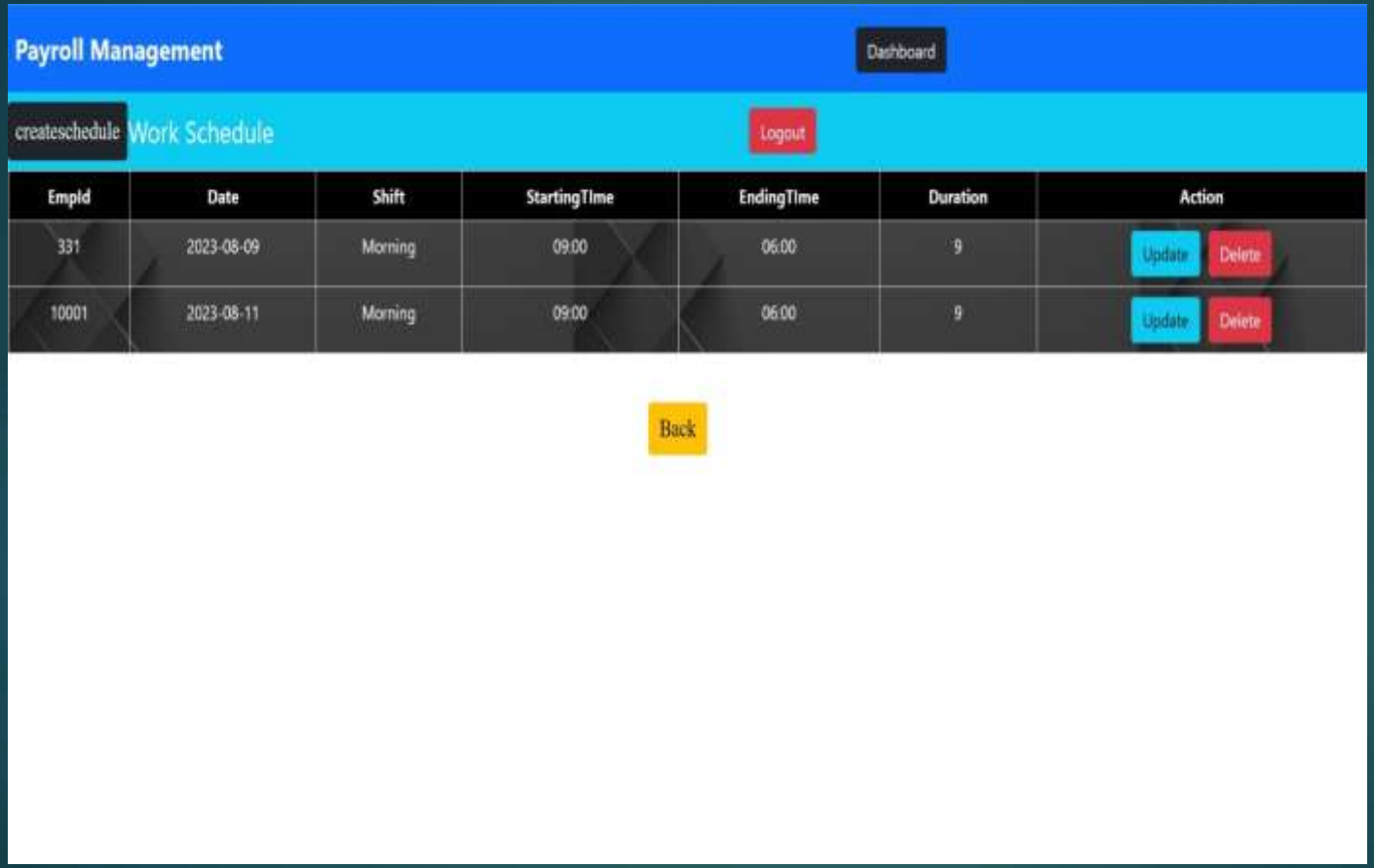

MySQL Workbench
SCHEMAS
employeepayroll
Tables
admin
attendance
employee
leaves
salary
schedule
ses
timesheet
No object selected
SELECT * FROM employeepayroll.timesheet;
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Output
Action Output
Type here to search
Near record

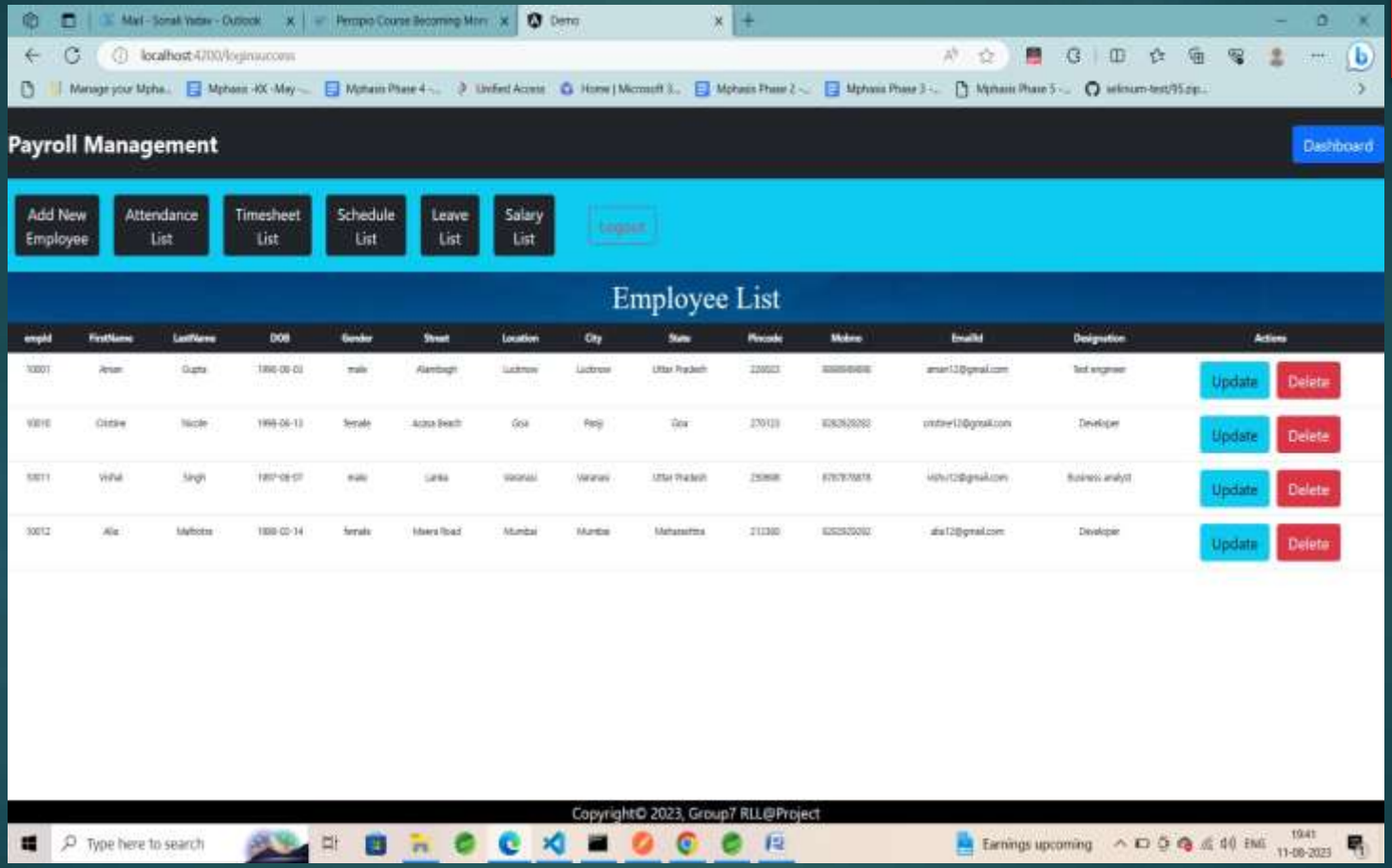
Sonali(EMPLOYEE SCHEDULES)

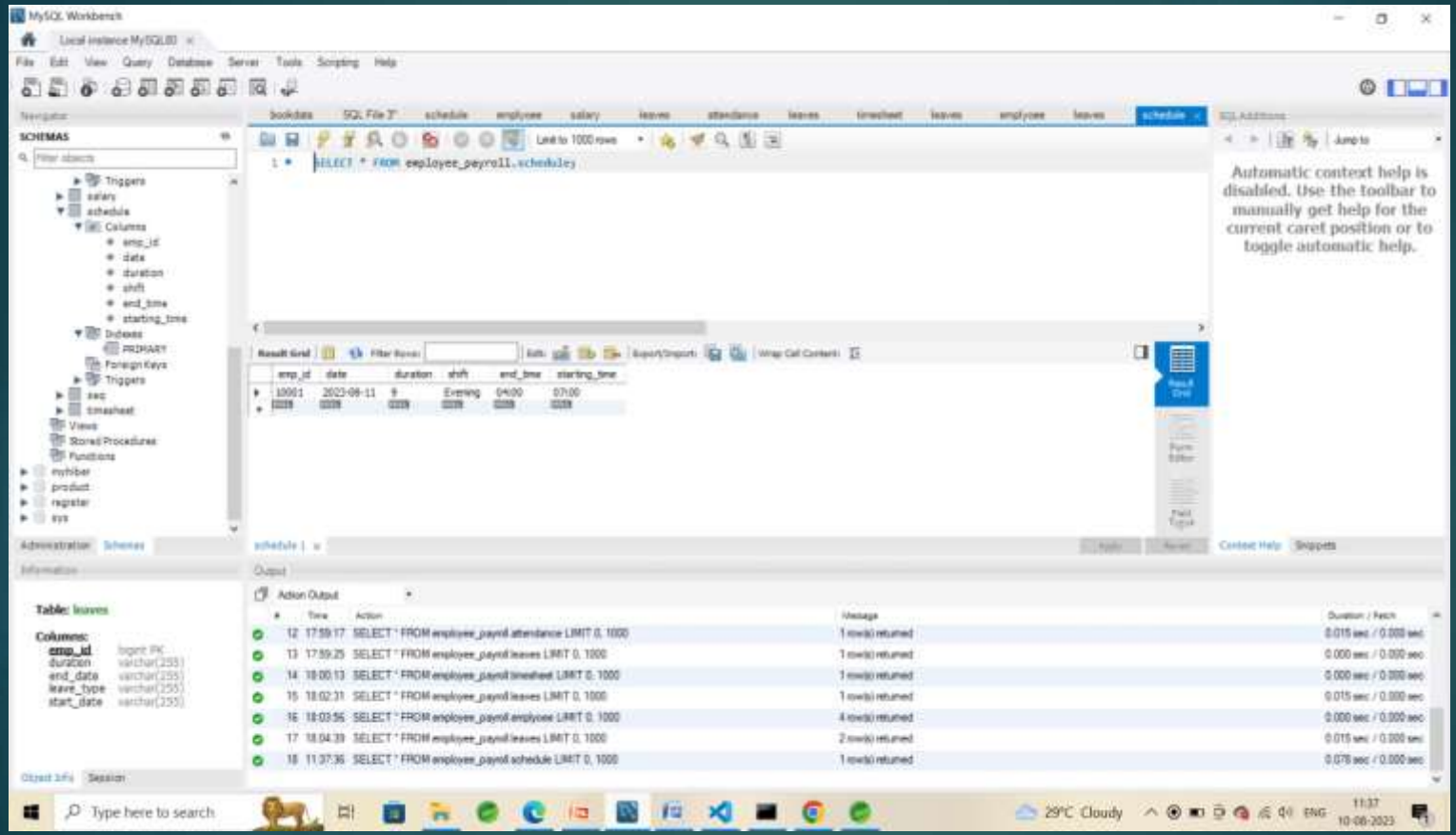
1.Adding Employees Schedules from admin side-BE
2.View Employees-BE
3.Edit/Update employees-BE
4.Delete schedules-BE
5.Adding employee schedules from admin side-FE
6.View Employees-FE
7.Edit/Update employees-FE


Payroll Management
Dashboard
Create Work Schedule
EmpId
10001
Date
11-08-2023
Shift
Morning
StartingTime
09:00
EndingTime
06:00
Duration
9
Submit

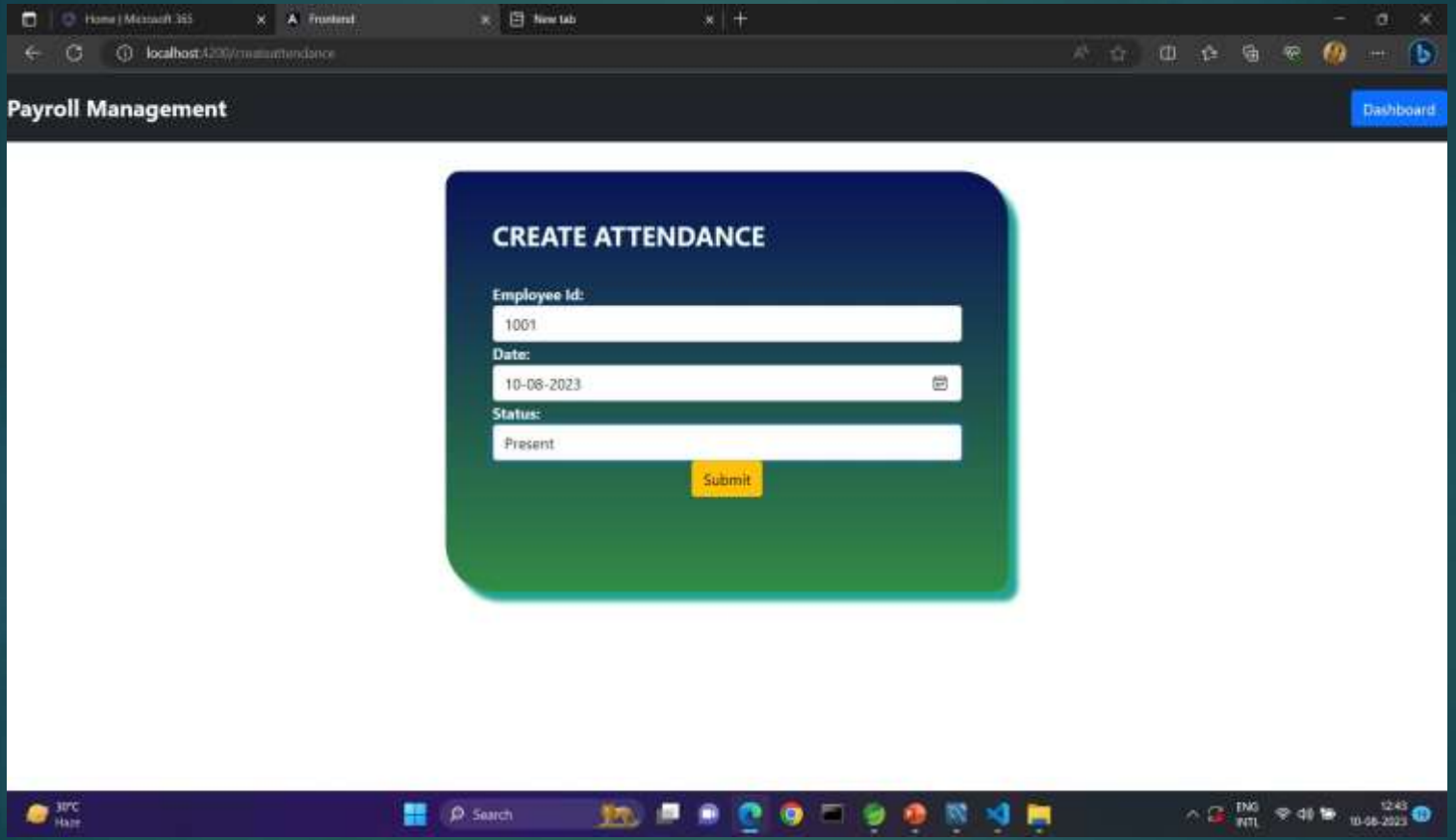
Payroll Management
Dashboard
createschedule
Work Schedule
Logout
EmpId
Date
Shift
StartingTIme
EndingTIme
Duration
Action
10001
2023-08-11
Evening
07:00
04:00
9
Update
Delete
Back

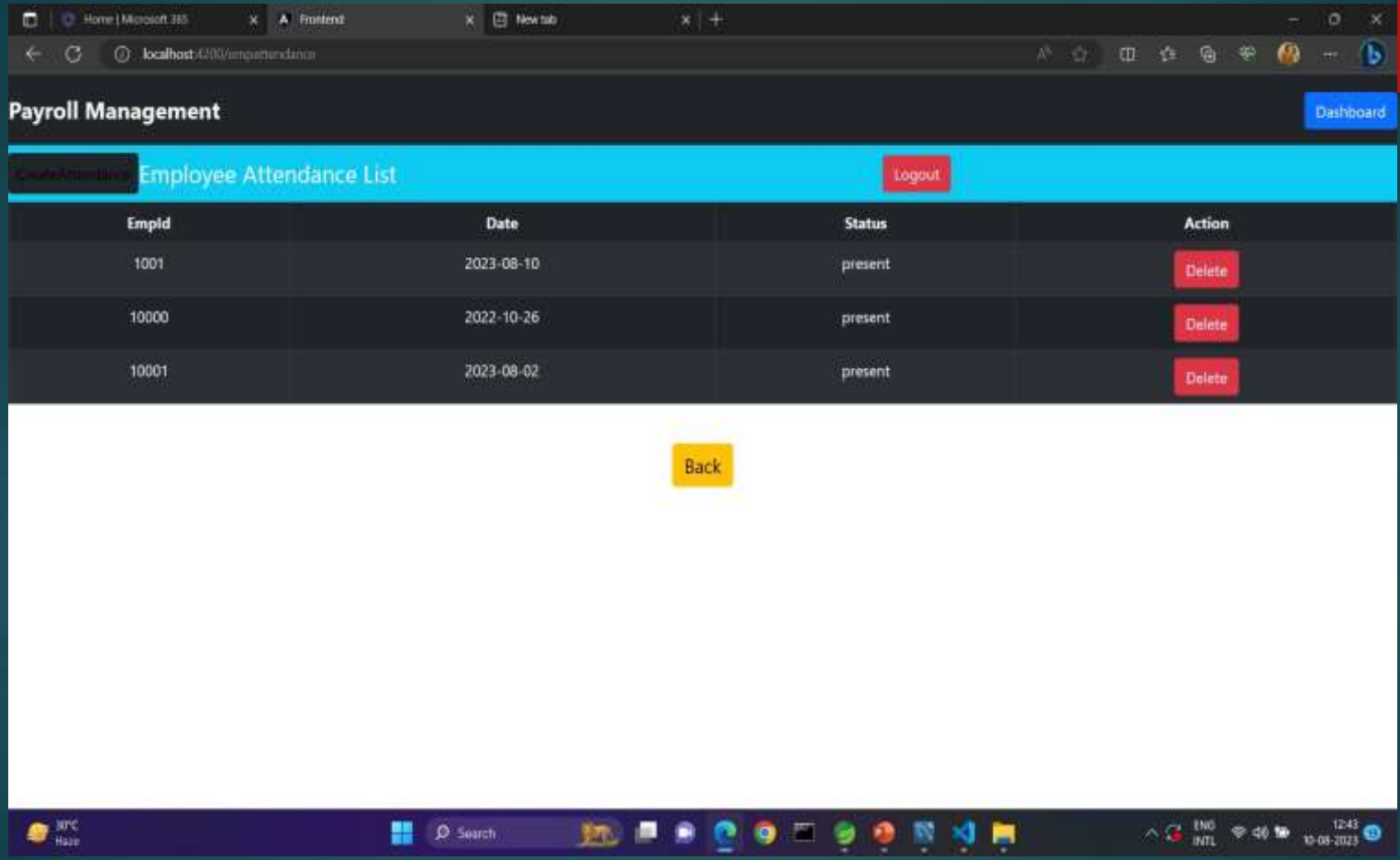

Payroll Management
Dashboard
createschedule
Work Schedule
Logout
EmpId
Date
Shift
StartingTIme
EndingTIme
Duration
Action
331
2023-08-09
Morning
09:00
06:00
9
Update
Delete
10001
2023-08-11
Morning
09:00
06:00
9
Update
Delete
Back

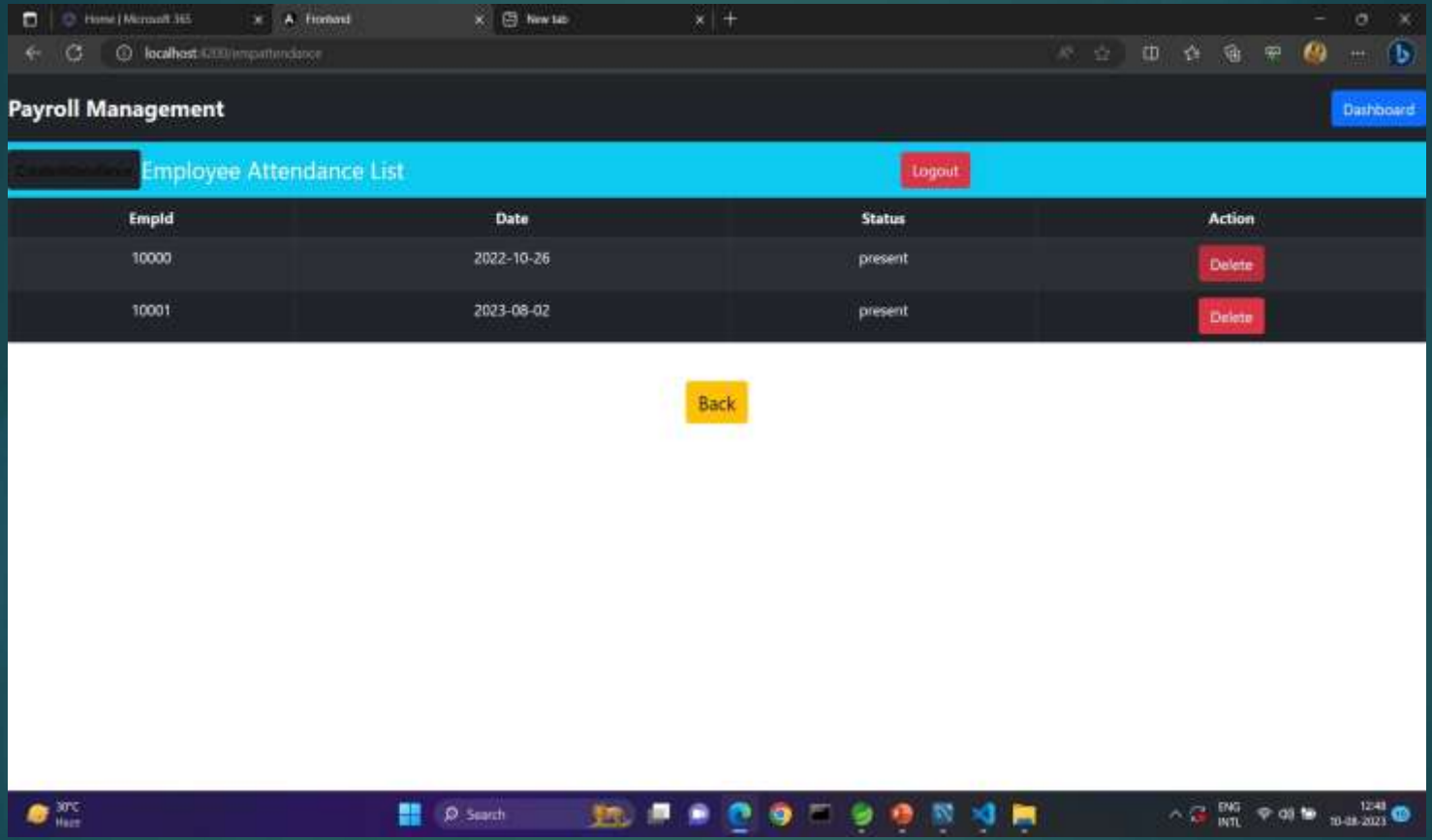

Payroll Management
Dashboard
Add New Employee
Attendance List
Timesheet List
Schedule List
Leave List
Salary List
Logout
Employee List
empId
FirstName
LastName
DOB
Gender
Street
Location
City
State
Pincode
Mobno
EmailId
Designation
Actions
Update
Delete
Update
Delete
Update
Delete
Update
Delete
Copyright© 2023, Group7 RLL@Project
Type here to search
Earnings upcoming
ENG
19:41
11-08-2023

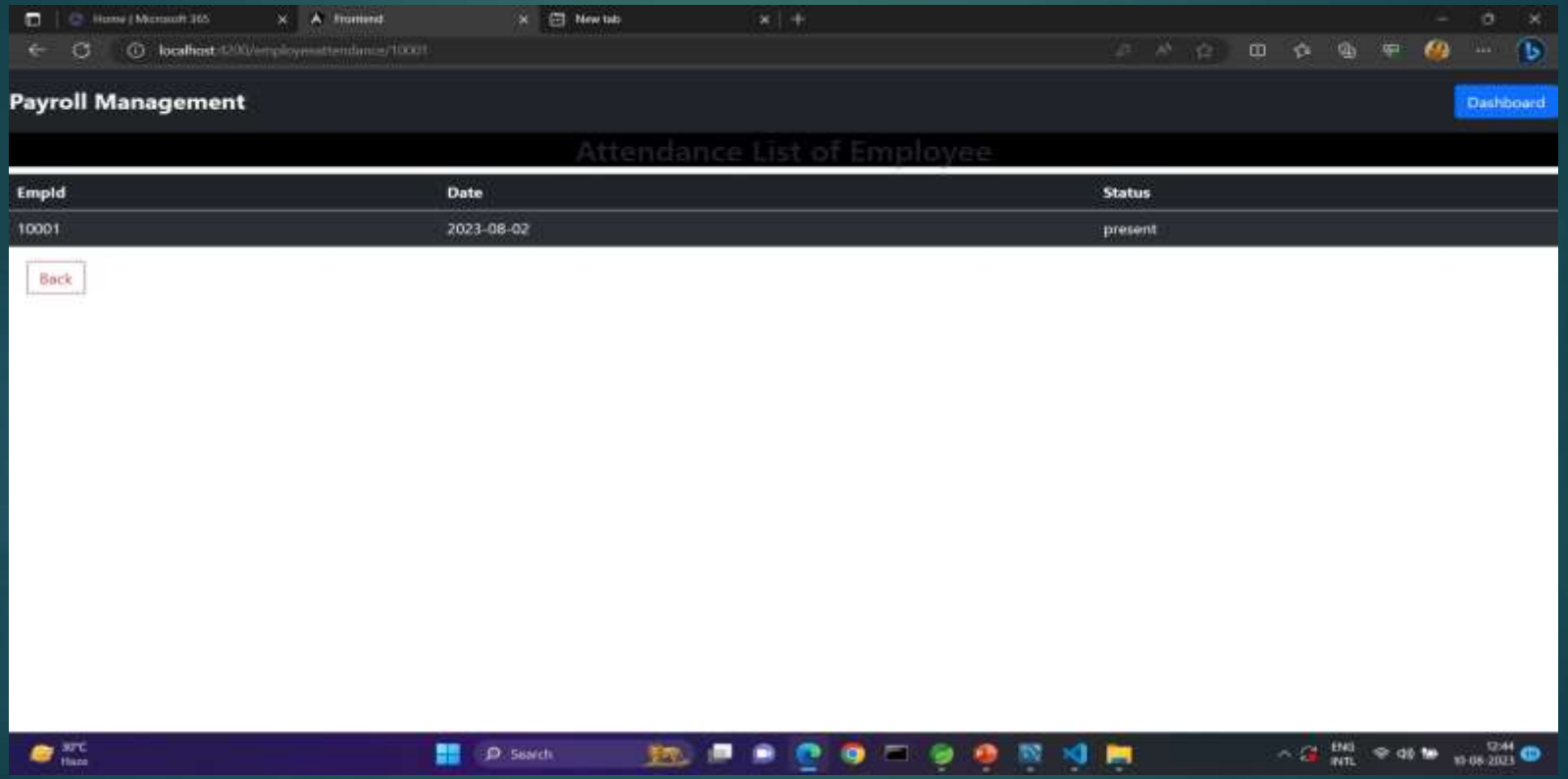

MySQL Workbench
SELECT * FROM employee_payroll.scheduley
emp_id date duration shift end_time starting_time
10001 2023-08-11 9 Evening 04:00 07:00
Table: leaves
Columns:
emp_id bigint PK
duration varchar(255)
end_date varchar(255)
leave_type varchar(255)
start_date varchar(255)
Action Output
12 17:59:17 SELECT * FROM employee_payroll.attendance LIMIT 0, 1000 1 row(s) returned
13 17:59:25 SELECT * FROM employee_payroll.leaves LIMIT 0, 1000 1 row(s) returned
14 18:00:13 SELECT * FROM employee_payroll.timesheet LIMIT 0, 1000 1 row(s) returned
15 18:02:31 SELECT * FROM employee_payroll.leaves LIMIT 0, 1000 1 row(s) returned
16 18:03:56 SELECT * FROM employee_payroll.employee LIMIT 0, 1000 4 row(s) returned
17 18:04:39 SELECT * FROM employee_payroll.leaves LIMIT 0, 1000 2 row(s) returned
18 11:37:36 SELECT * FROM employee_payroll.schedule LIMIT 0, 1000 1 row(s) returned
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Type here to search
29°C Cloudy
ENG
11:37
10-08-2023

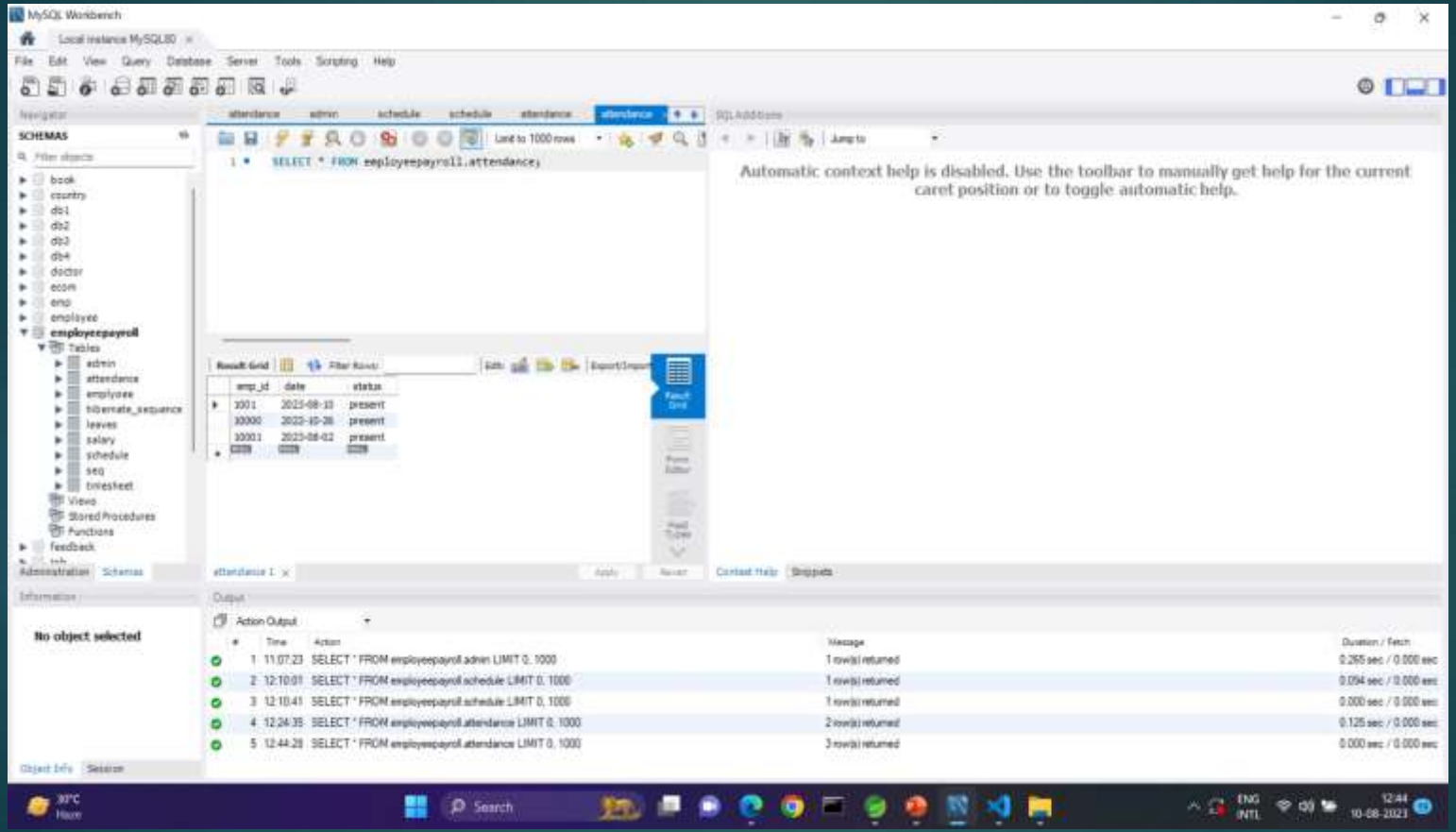
Aiswarya :(Attendance)
1.Adding employees attendance from admin side-BE
2.View employees attendance-BE
3.Delete attendance-BE
4.Adding employees schedules from admin side-FE
5.View attendance-FE
6.Delete-FE


Payroll Management
Dashboard
CREATE ATTENDANCE
Employee Id:
1001
Date:
10-08-2023
Status:
Present
Submit

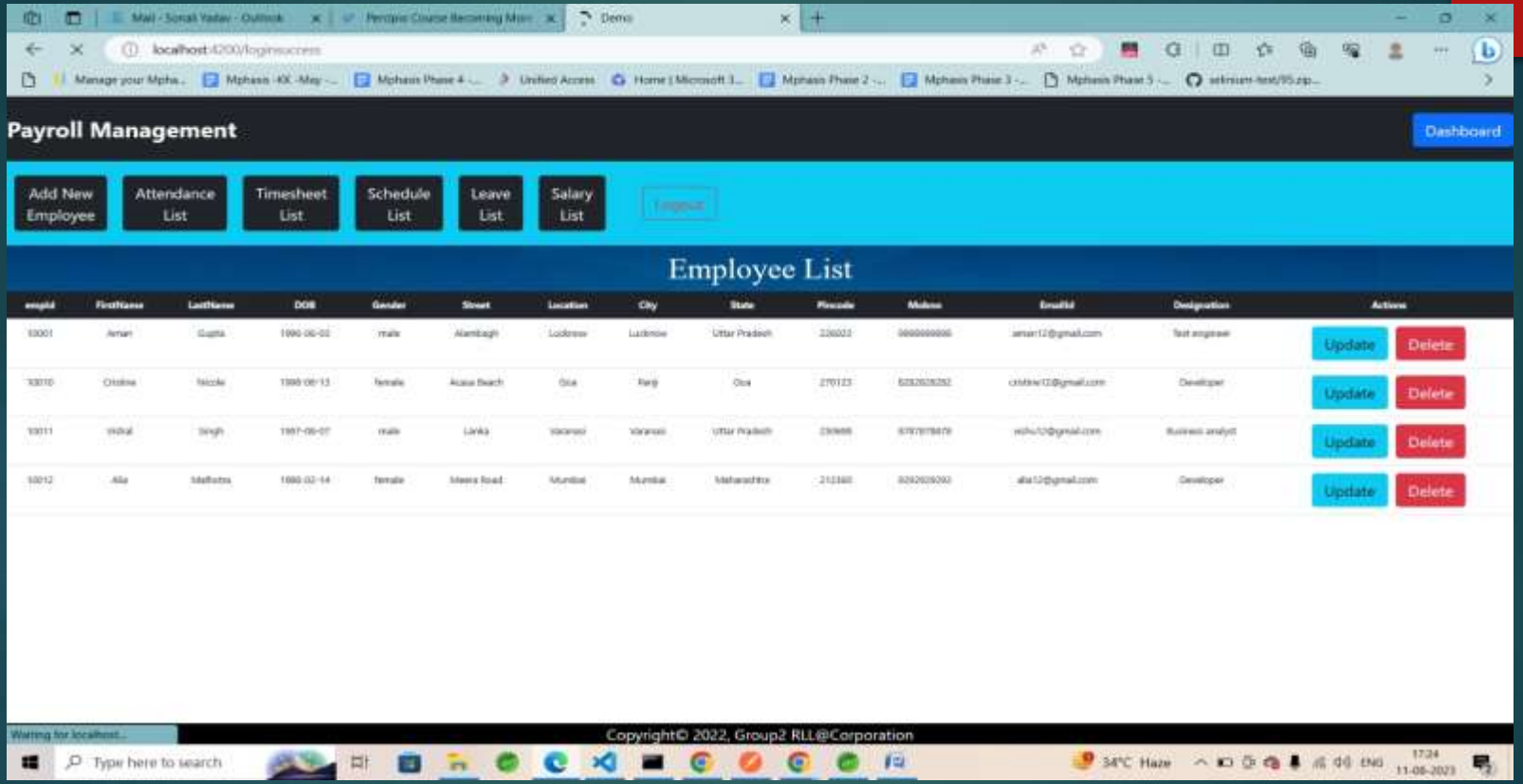

Payroll Management
Dashboard
Employee Attendance List
Logout
Empid
Date
Status
Action
1001
2023-08-10
present
Delete
10000
2022-10-26
present
Delete
10001
2023-08-02
present
Delete
Back

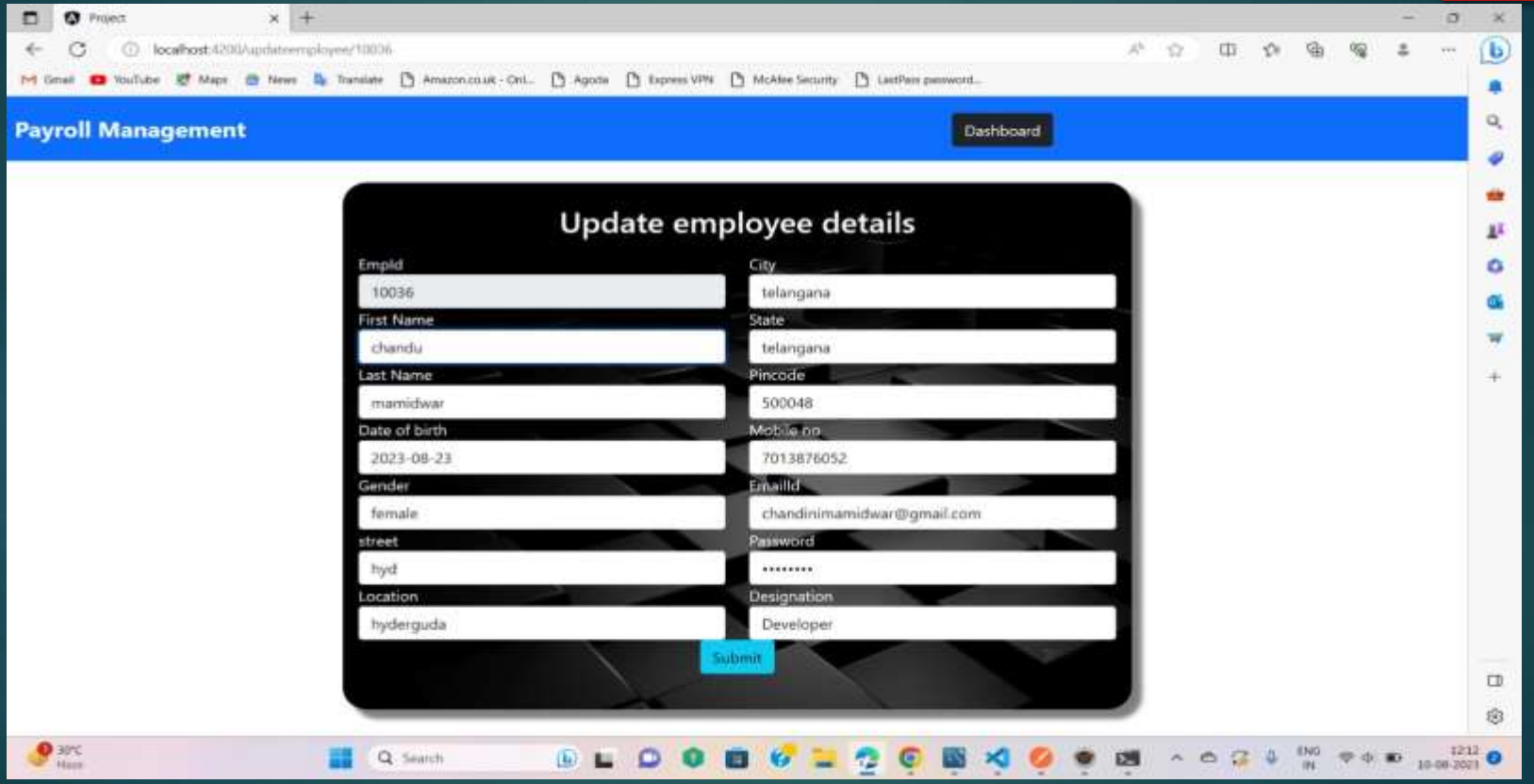

Payroll Management
Dashboard
Employee Attendance List
Logout
EmpId
Date
Status
Action
10000
2022-10-26
present
Delete
10001
2023-08-02
present
Delete
Back

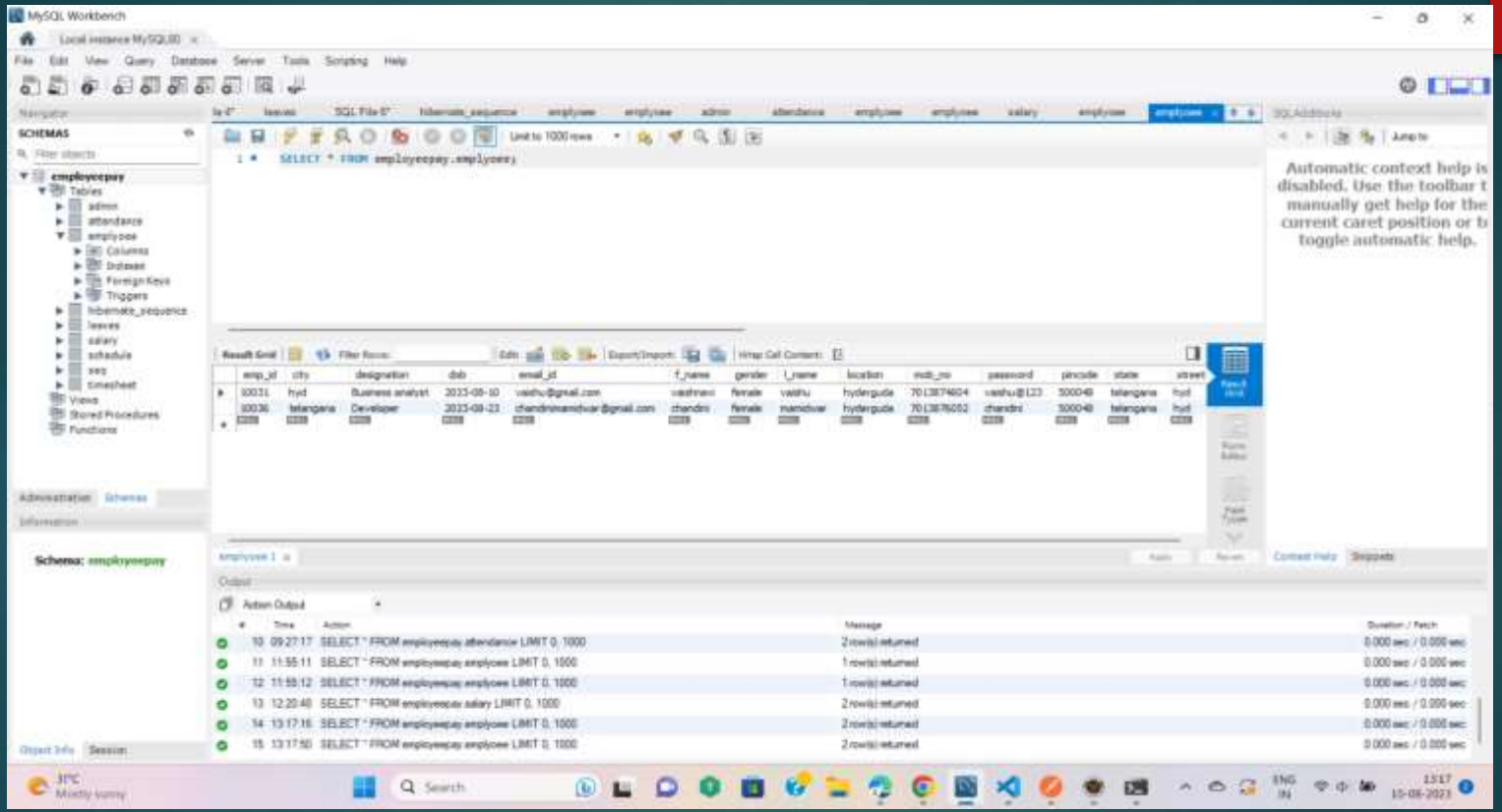

Payroll Management
Dashboard
Attendance List of Employee
EmpId
Date
Status
10001
2023-08-02
present
Back


MySQL Workbench
SELECT * FROM employeepayroll.attendance;
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
emp_id date status
1001 2023-08-10 present
10000 2022-10-26 present
10001 2023-08-02 present
No object selected
Action Output
1 11:07:23 SELECT * FROM employeepayroll.admin LIMIT 0, 1000 1 row(s) returned 0.265 sec / 0.000 sec
2 12:10:01 SELECT * FROM employeepayroll.schedule LIMIT 0, 1000 1 row(s) returned 0.094 sec / 0.000 sec
3 12:10:41 SELECT * FROM employeepayroll.schedule LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
4 12:24:35 SELECT * FROM employeepayroll.attendance LIMIT 0, 1000 2 row(s) returned 0.125 sec / 0.000 sec
5 12:44:28 SELECT * FROM employeepayroll.attendance LIMIT 0, 1000 3 row(s) returned 0.000 sec / 0.000 sec

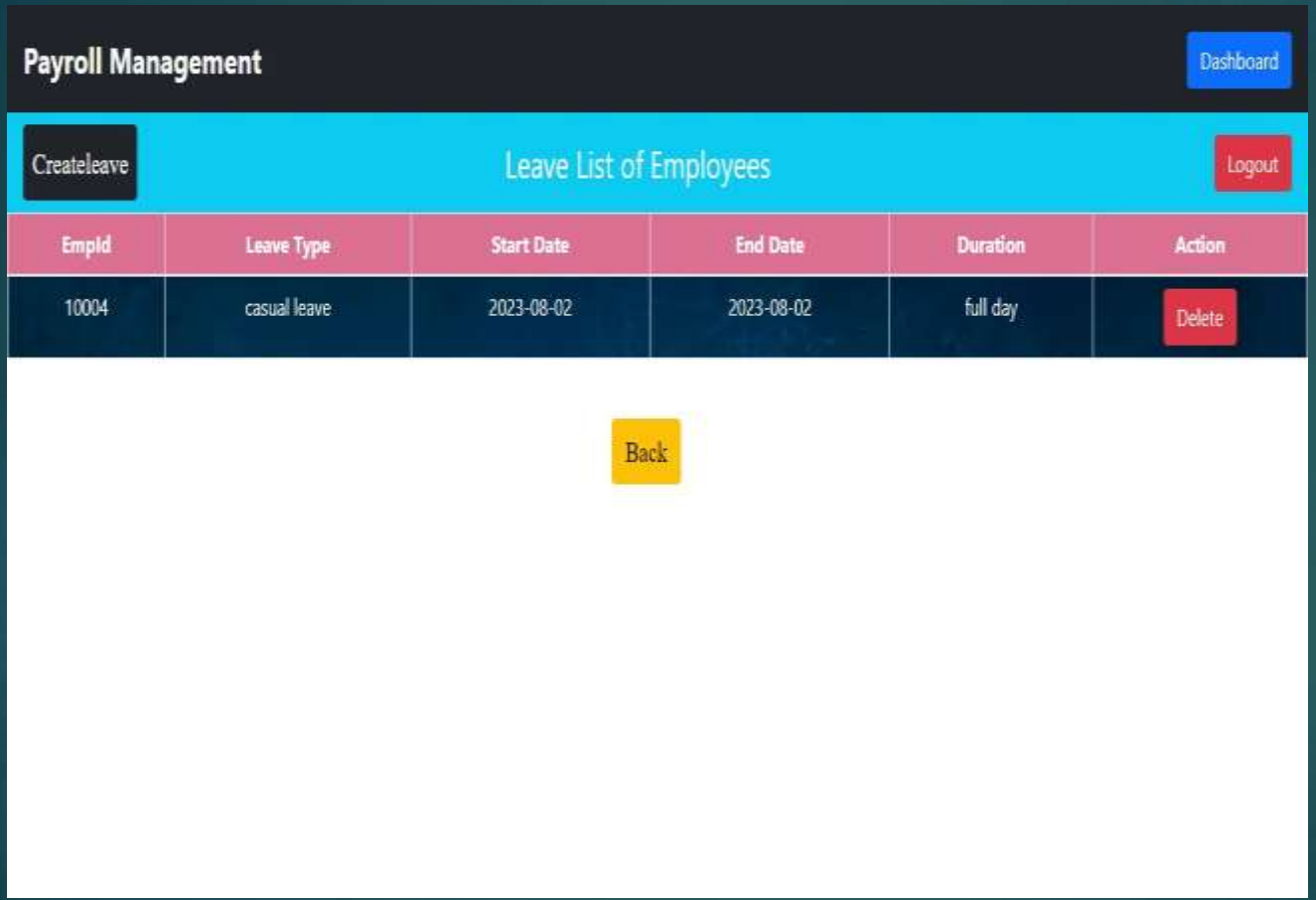
Chandini:(Employee)
1.Adding new employee
2.Updating employee details

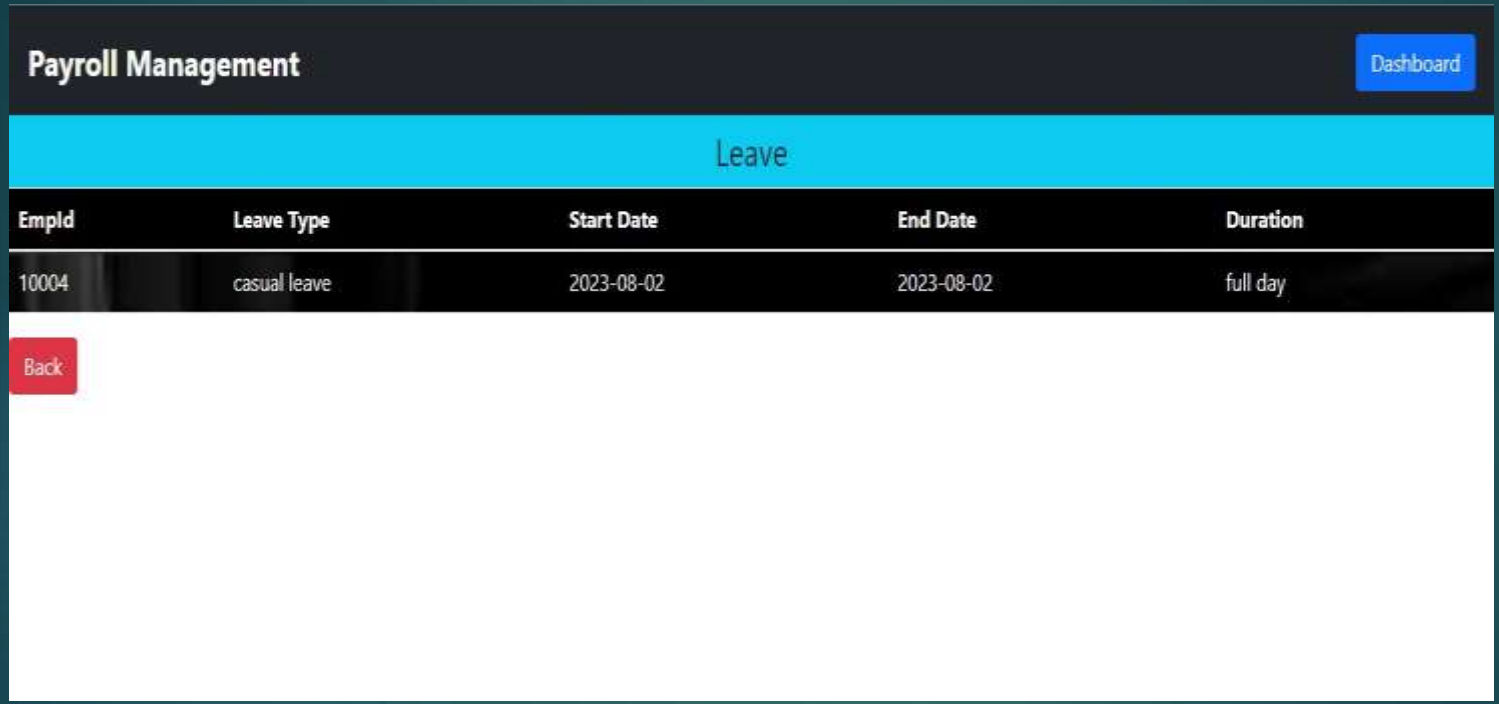

Payroll Management
Dashboard
Add New Employee
Attendance List
Timesheet List
Schedule List
Leave List
Salary List
Employee List
empId
FirstName
LastName
DOB
Gender
Street
Location
City
State
Pincode
Mobno
EmailId
Designation
Actions
Update
Delete
Copyright© 2022, Group2 RLL@Corporation

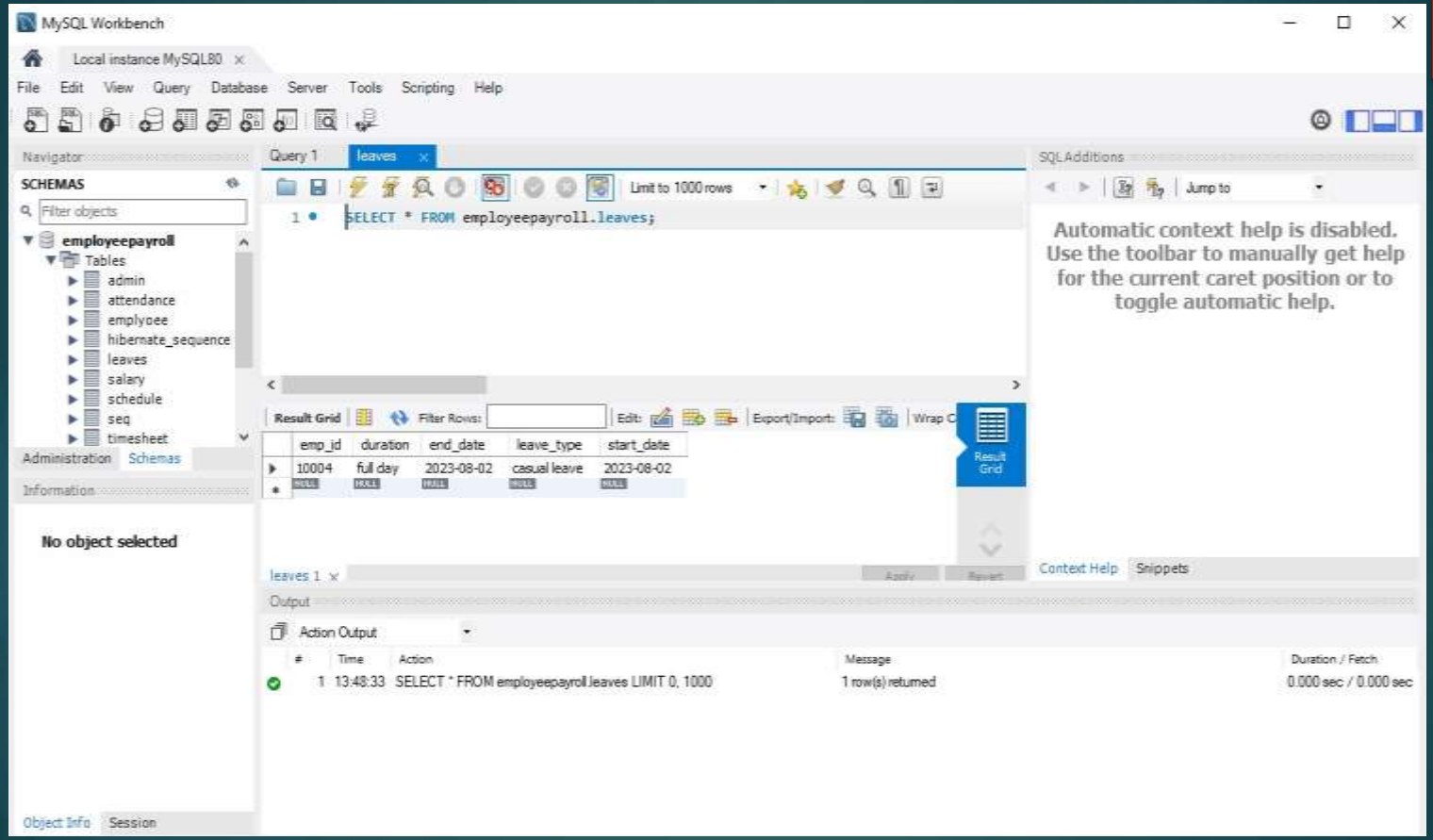

Project
localhost:4200/updateemployee/10036
Payroll Management
Dashboard
Update employee details
EmpId
10036
First Name
chandu
Last Name
mamidwar
Date of birth
2023-08-23
Gender
female
street
hyd
Location
hyderguda
City
telangana
State
telangana
Pincode
500048
Mobile no
7013876052
EmailId
chandinimamidwar@gmail.com
Password
Designation
Developer
Submit


MySQL Workbench
SCHEMAS
employeepay
Tables
admin
attendance
employee
Columns
Indexes
Foreign Keys
Triggers
hibernate_sequence
leaves
salary
schedule
seq
timesheet
Views
Stored Procedures
Functions
SELECT * FROM employeepay.employee;
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or t toggle automatic help.
Schema: employeepay
Action Output
10 09:27:17 SELECT * FROM employeepay.attendance LIMIT 0, 1000 2 row(s) returned
11 11:55:11 SELECT * FROM employeepay.employee LIMIT 0, 1000 1 row(s) returned
12 11:55:12 SELECT * FROM employeepay.employee LIMIT 0, 1000 1 row(s) returned
13 12:20:40 SELECT * FROM employeepay.salary LIMIT 0, 1000 2 row(s) returned
14 13:17:16 SELECT * FROM employeepay.employee LIMIT 0, 1000 2 row(s) returned
15 13:17:50 SELECT * FROM employeepay.employee LIMIT 0, 1000 2 row(s) returned
31°C
Mostly sunny
Search
ENG
IN
13:17
15-06-2023

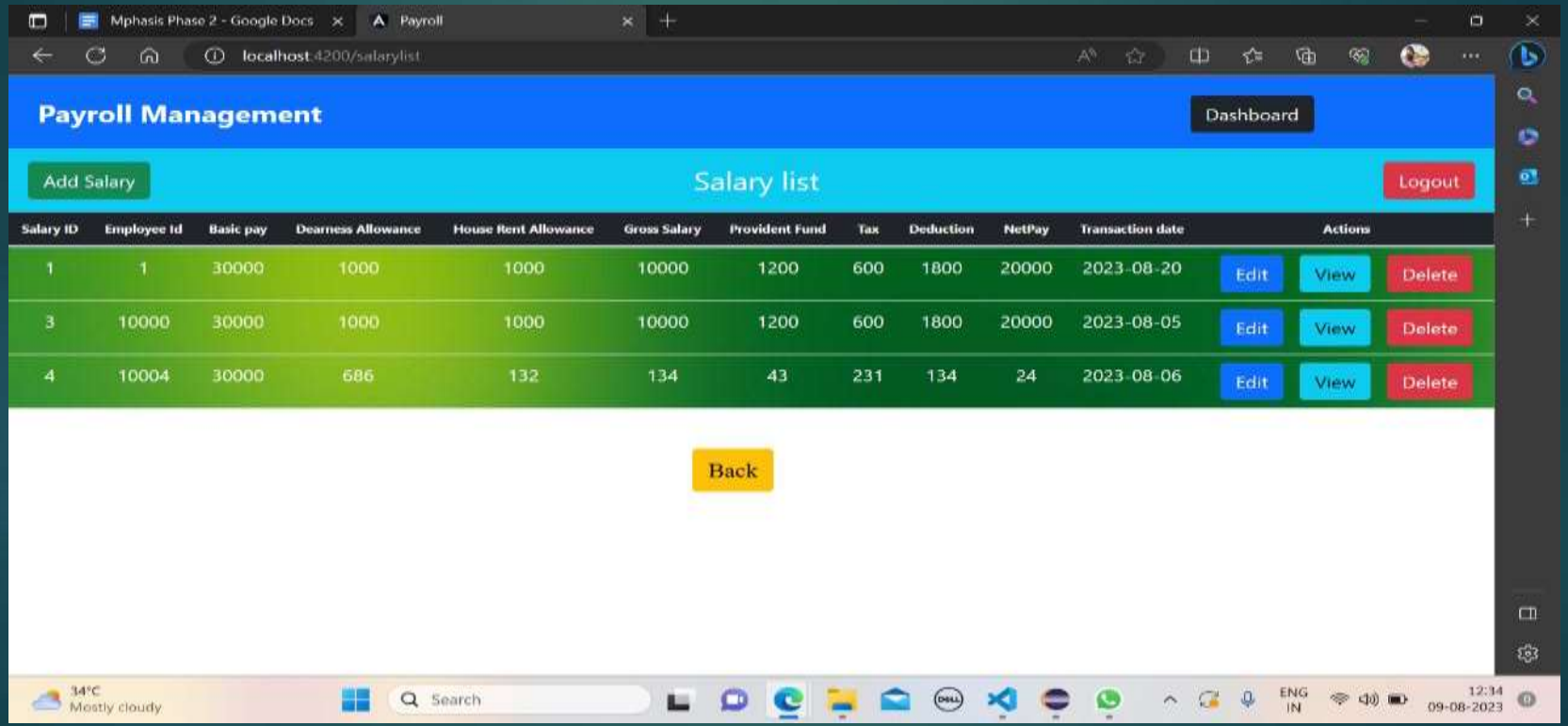
Ashwini:(LEAVE)
1.Adding leave-BE
2.Deleting Leave-BE
3.Adding leave-FE
4.Deleting leave-FE
5.View leaves from employee

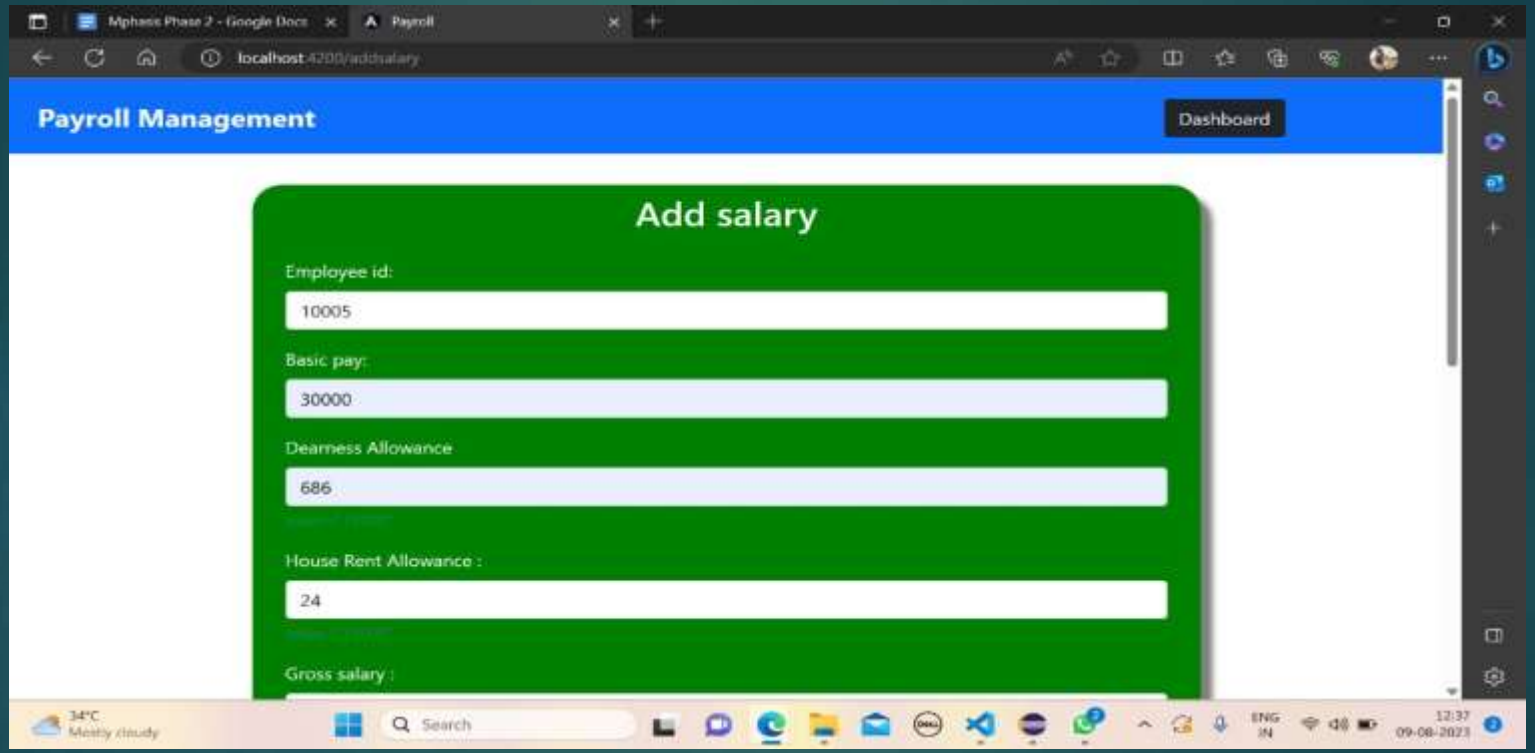

Payroll Management
Dashboard
Createleave
Leave List of Employees
Logout
EmpId
Leave Type
Start Date
End Date
Duration
Action
10004
casual leave
2023-08-02
2023-08-02
full day
Delete
Back

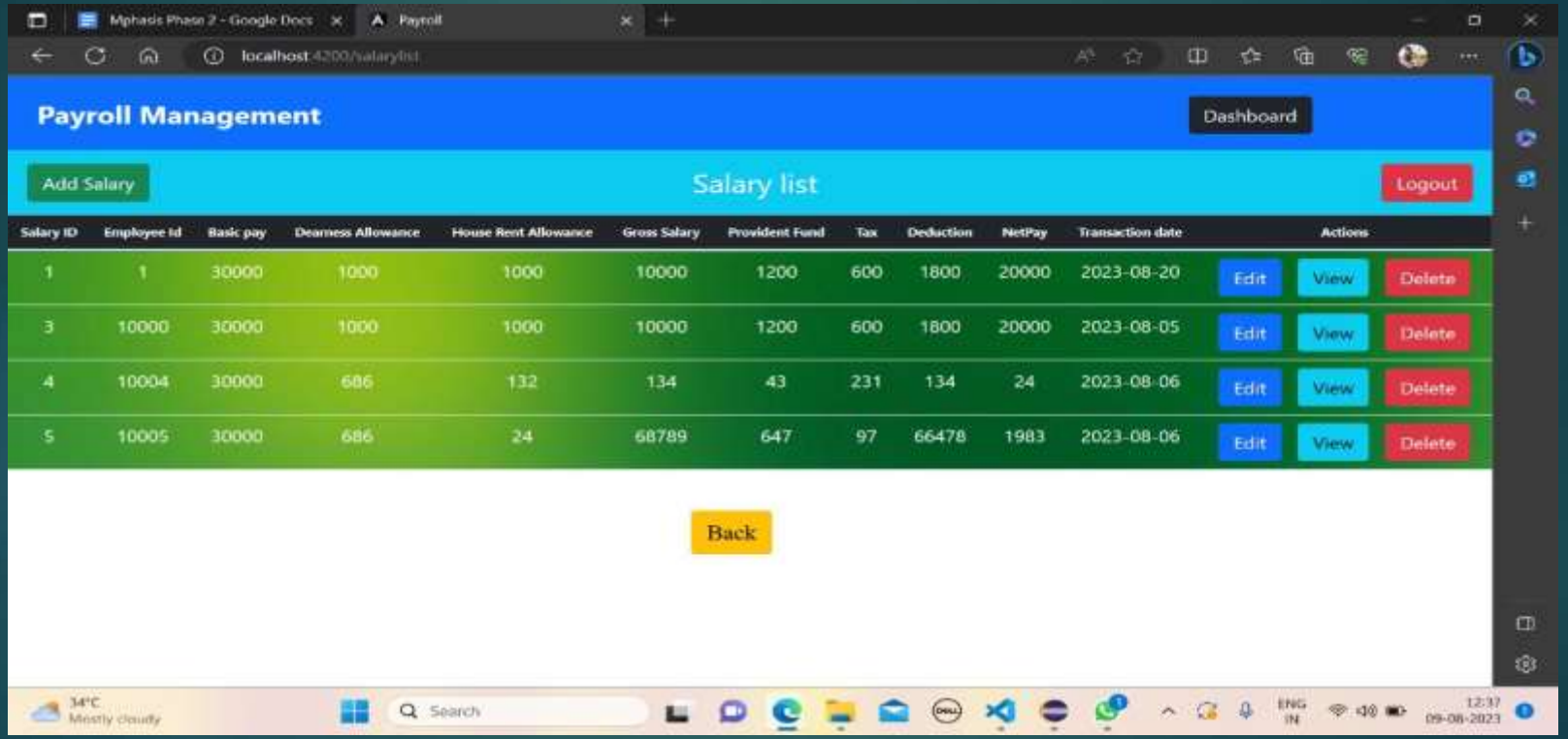

Payroll Management
Dashboard
Leave
EmpId
Leave Type
Start Date
End Date
Duration
10004
casual leave
2023-08-02
2023-08-02
full day
Back

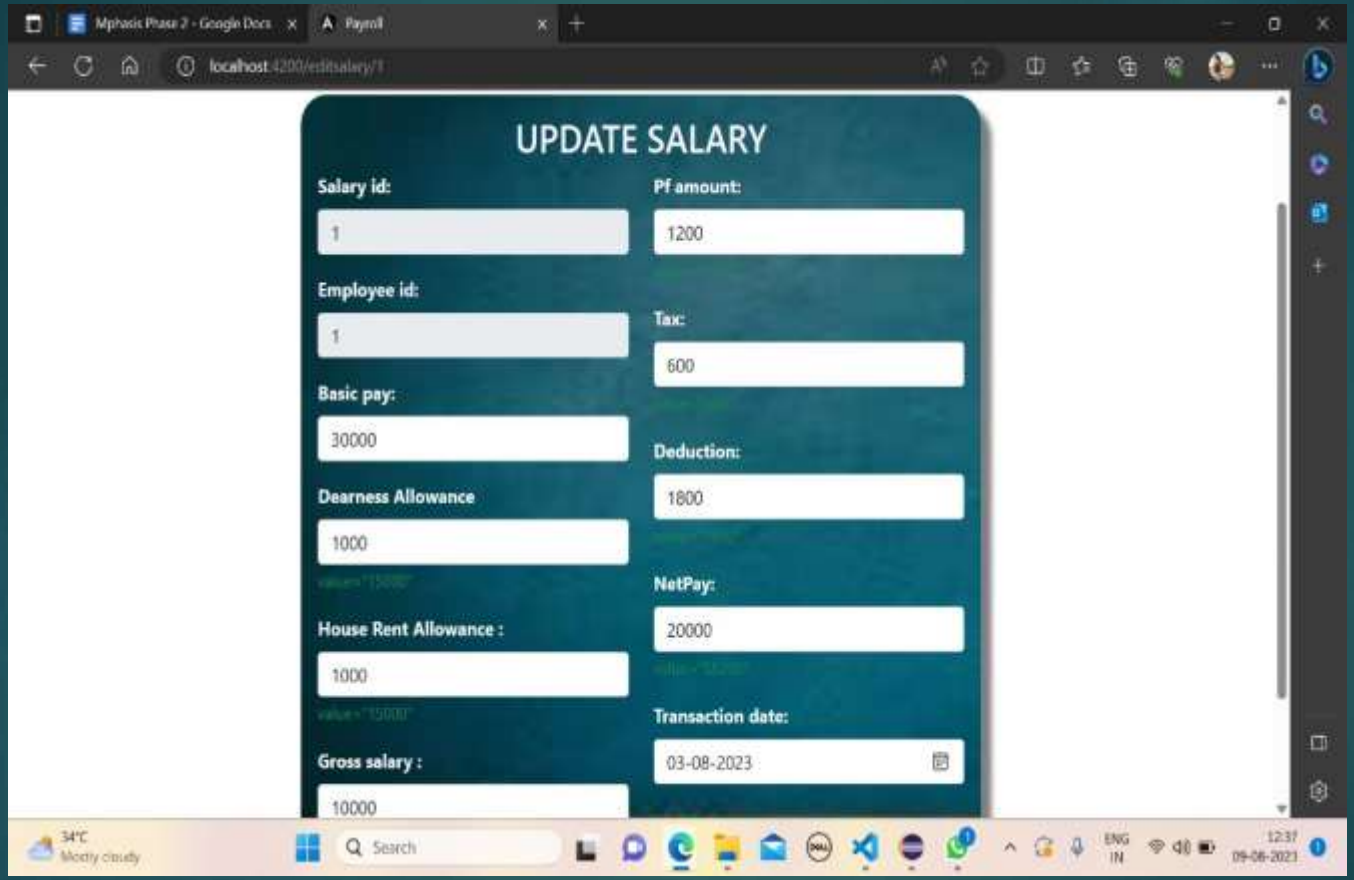

MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
employeepayroll
Tables
admin
attendance
employee
hibernate_sequence
leaves
salary
schedule
seq
timesheet
Administration Schemas
Information
No object selected
Object Info Session
Query 1
leaves
Limit to 1000 rows
1 SELECT * FROM employeepayroll.leaves;
Result Grid
Filter Rows:
Edit:
Export/Import:
emp_id duration end_date leave_type start_date
10004 full day 2023-08-02 casual leave 2023-08-02
leaves 1
SQL Additions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
1 13:48:33 SELECT * FROM employeepayroll.leaves LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec

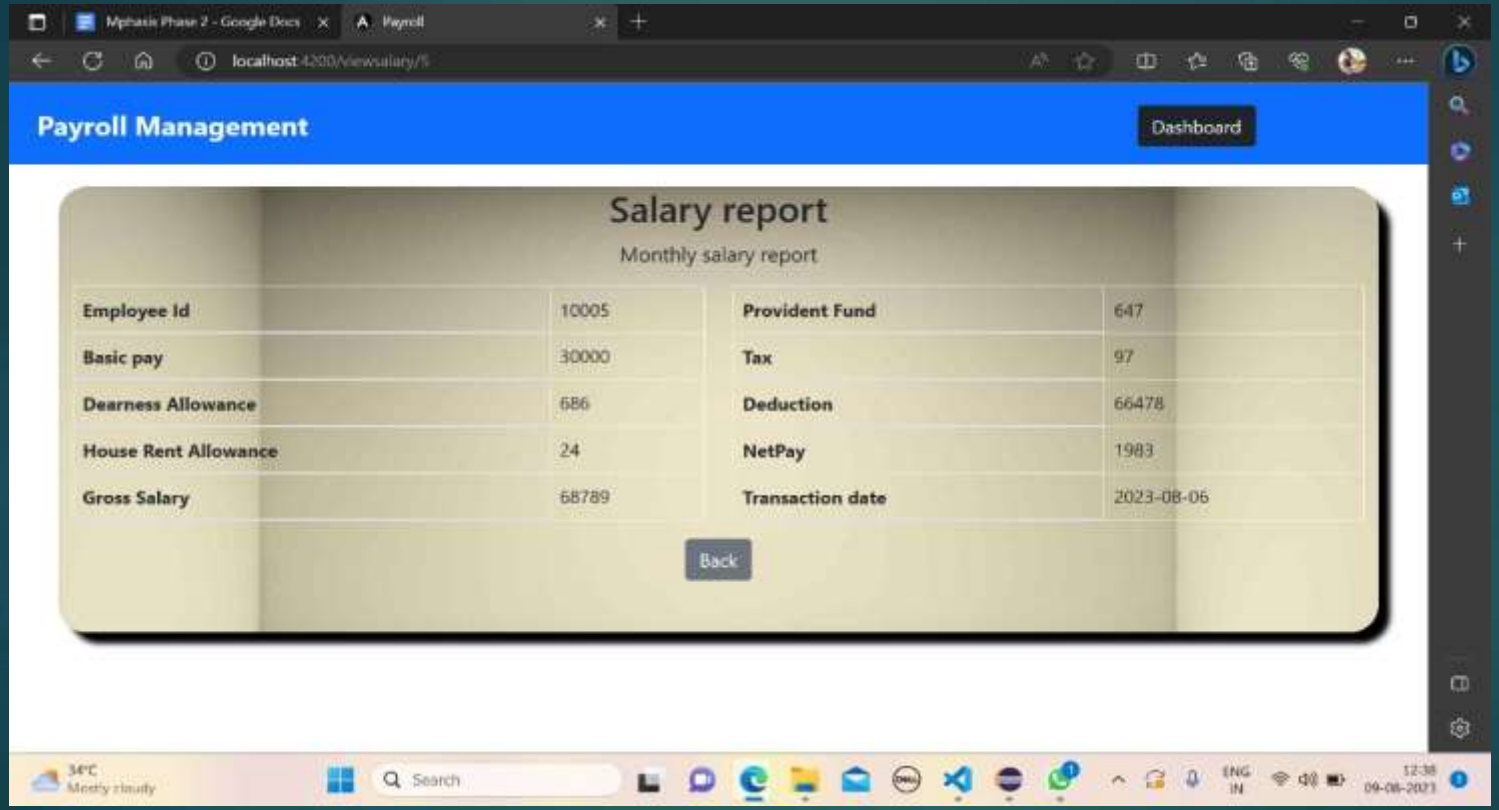
Sumalatha:(SALARY)
1.Adding Salary from admin side
2.Edit/update salary
3.Delete Salary
4.View salary from employee side

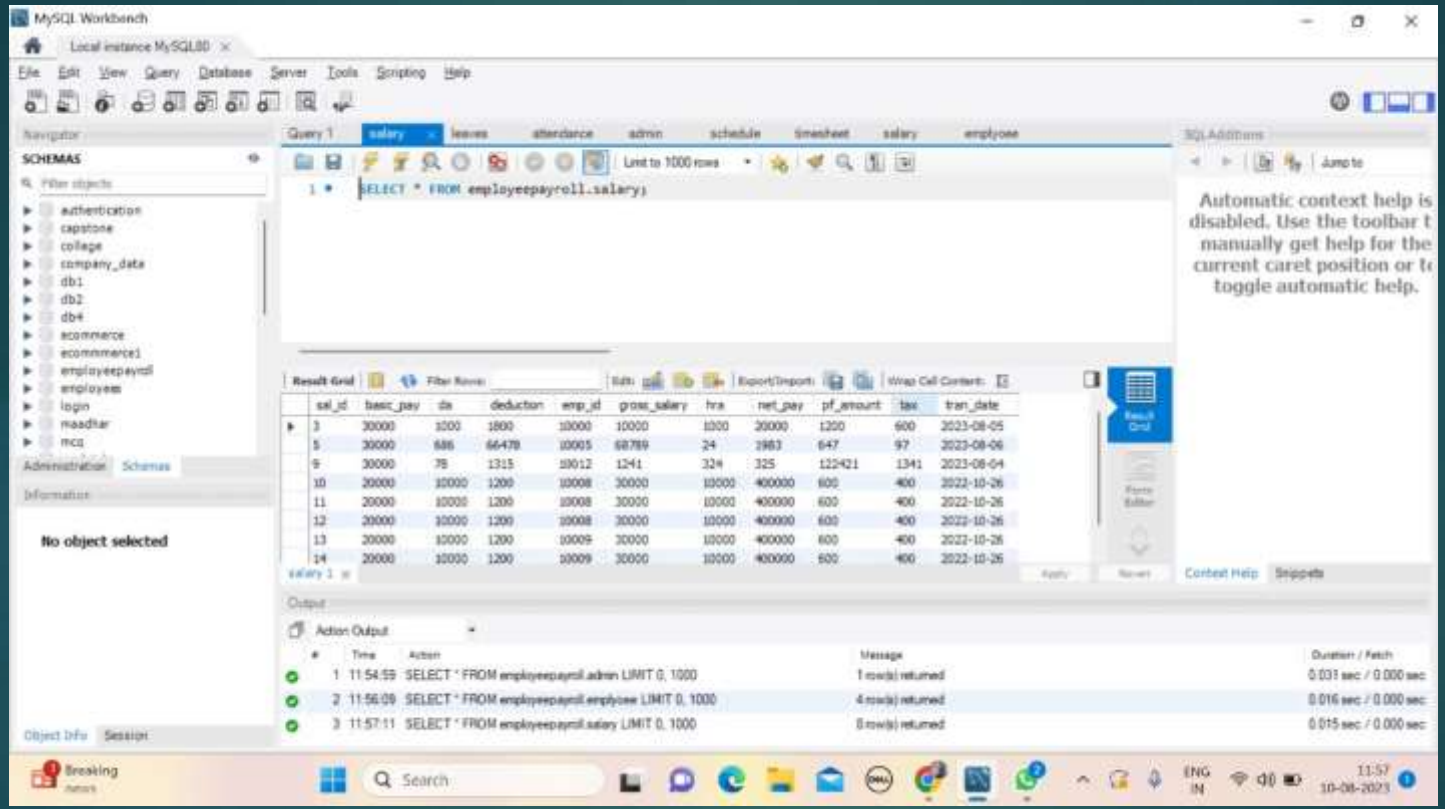

Mphasis Phase 2 - Google Docs
Payroll
localhost:4200/salarylist
Payroll Management
Dashboard
Add Salary
Salary list
Logout
Salary ID
Employee Id
Basic pay
Dearness Allowance
House Rent Allowance
Gross Salary
Provident Fund
Tax
Deduction
NetPay
Transaction date
Actions
1 1 30000 1000 1000 10000 1200 600 1800 20000 2023-08-20 Edit View Delete
3 10000 30000 1000 1000 10000 1200 600 1800 20000 2023-08-05 Edit View Delete
4 10004 30000 686 132 134 43 231 134 24 2023-08-06 Edit View Delete
Back
34°C
Mostly cloudy
Search
ENG
IN
12:34
09-08-2023


Mphasis Phase 2 - Google Docs
Payroll
localhost:4200/addsalary
Payroll Management
Dashboard
Add salary
Employee id:
10005
Basic pay:
30000
Dearness Allowance
686
House Rent Allowance :
24
Gross salary :
34°C
Mostly cloudy
Search
ENG
IN
12:37
09-08-2023

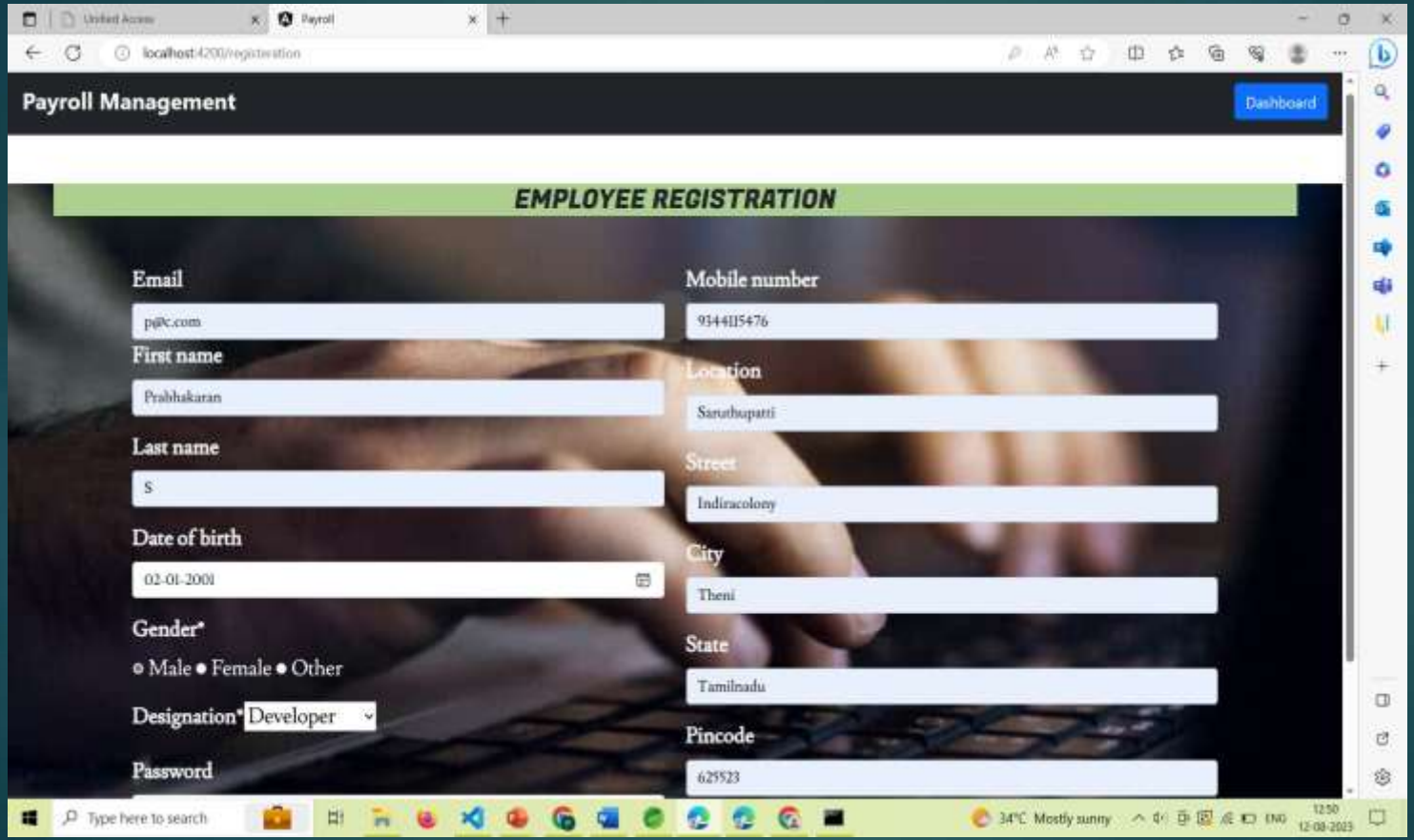

Mphasis Phase 2 - Google Docs
Payroll
localhost:4200/salarylist
Payroll Management
Dashboard
Add Salary
Salary list
Logout
Salary ID
Employee Id
Basic pay
Dearness Allowance
House Rent Allowance
Gross Salary
Provident Fund
Tax
Deduction
NetPay
Transaction date
Actions
1 1 30000 1000 1000 10000 1200 600 1800 20000 2023-08-20 Edit View Delete
3 10000 30000 1000 1000 10000 1200 600 1800 20000 2023-08-05 Edit View Delete
4 10004 30000 686 132 134 43 231 134 24 2023-08-06 Edit View Delete
5 10005 30000 686 24 68789 647 97 66478 1983 2023-08-06 Edit View Delete
Back
34°C
Mostly cloudy
Search
ENG
IN
12:37
09-08-2023

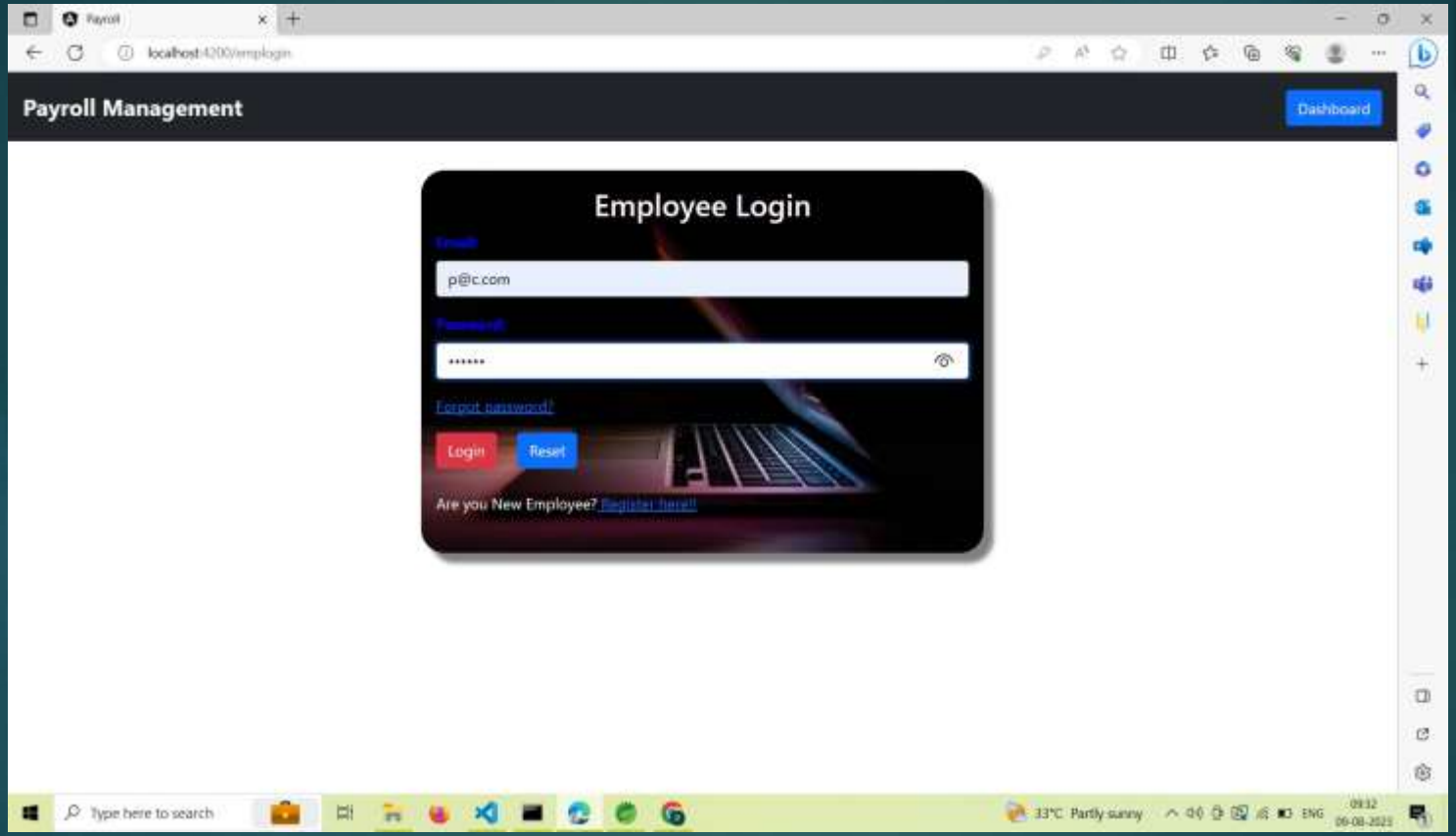

Mphasis Phase 2 - Google Docs
Payroll
localhost:4200/editsalary/1
UPDATE SALARY
Salary id:
1
Employee id:
1
Basic pay:
30000
Dearness Allowance
1000
House Rent Allowance :
1000
Gross salary :
10000
Pf amount:
1200
Tax:
600
Deduction:
1800
NetPay:
20000
Transaction date:
03-08-2023
34°C
Mostly cloudy
Search
ENG
IN
12:37
09-06-2023

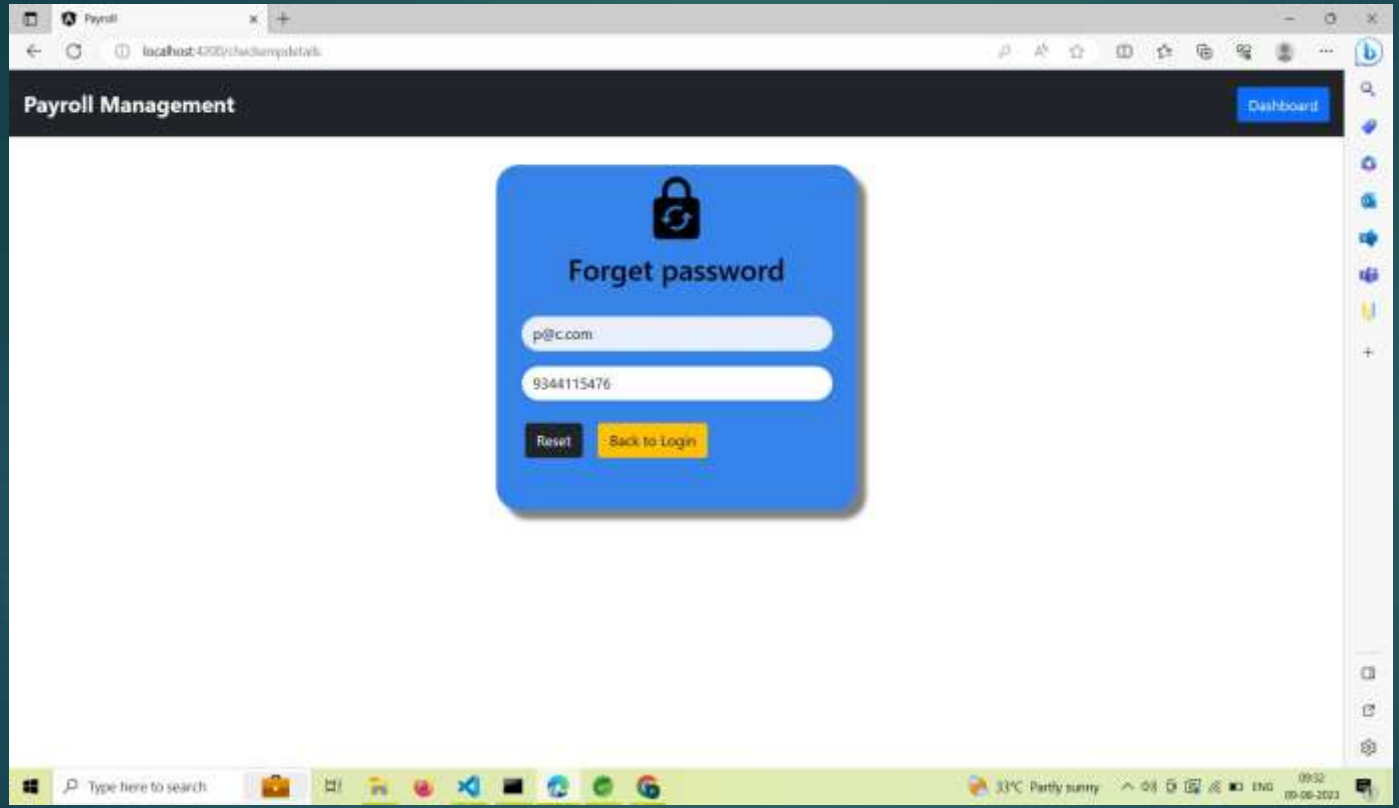

Mphasis Phase 2 - Google Docs
Payroll
localhost:4200/viewsalary/5
Payroll Management
Dashboard
Salary report
Monthly salary report
Employee Id
10005
Basic pay
30000
Dearness Allowance
686
House Rent Allowance
24
Gross Salary
68789
Provident Fund
647
Tax
97
Deduction
66478
NetPay
1983
Transaction date
2023-08-06
Back
Search

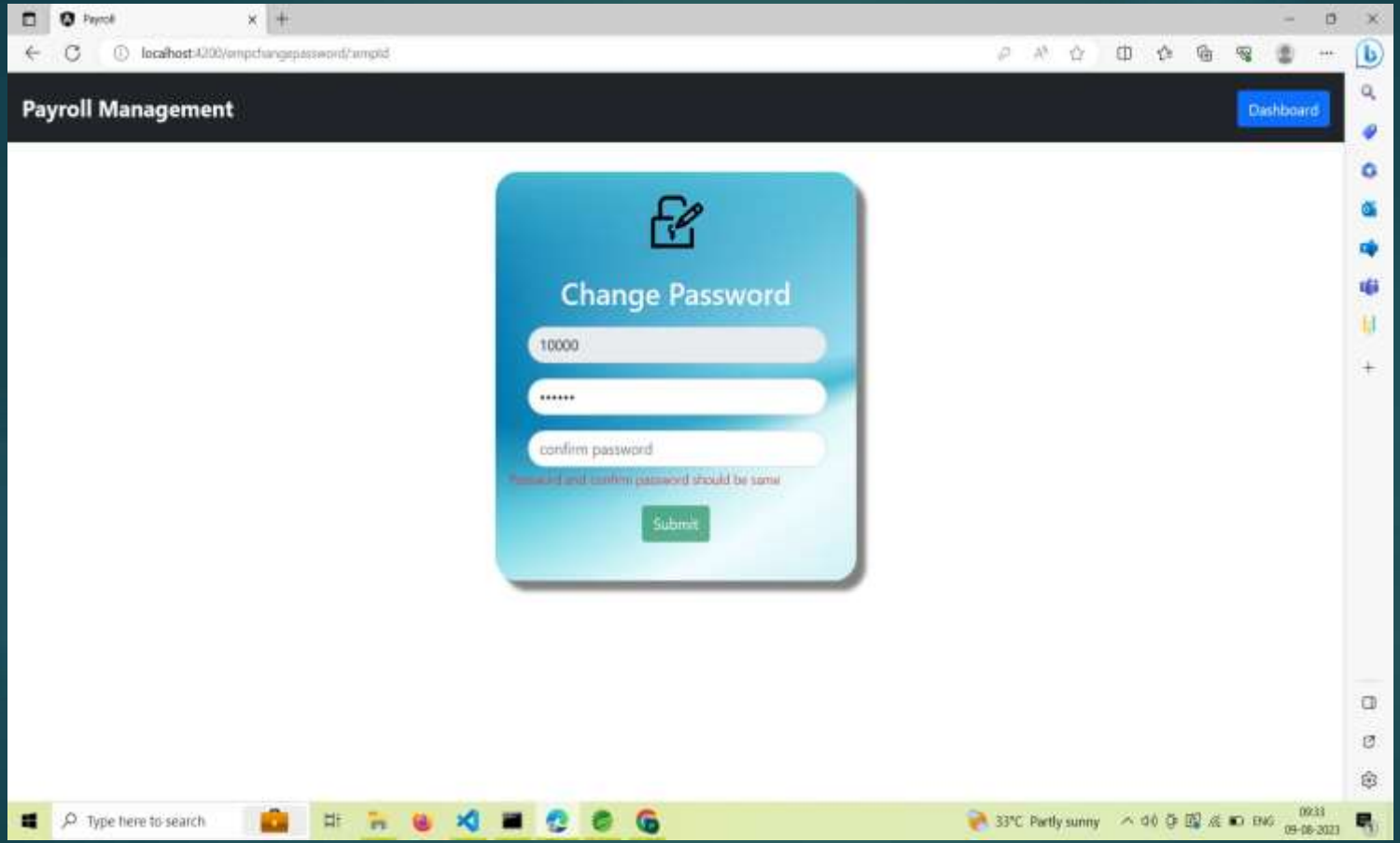

MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
authentication
capstone
college
company_data
db1
db2
db4
ecommerce
ecommerce1
employeepayroll
employeem
login
maadhar
mca
Administration Schemas
Information
No object selected
Object Info Session
Query 1 salary leaves attendance admin schedule timesheet salary employee
Limit to 1000 rows
1 • SELECT * FROM employeepayroll.salary;
Result Grid
sal_id basic_pay da deduction emp_id gross_salary hra net_pay pf_amount tax tran_date
3 30000 1000 1800 10000 10000 1000 20000 1200 600 2023-08-05
5 30000 686 66478 10005 68789 24 3983 647 97 2023-08-06
9 30000 78 1315 10012 1241 324 325 122421 1341 2023-08-04
10 30000 10000 1200 10008 30000 10000 400000 600 400 2022-10-26
11 20000 10000 1200 10008 30000 10000 400000 600 400 2022-10-26
12 20000 10000 1200 10008 30000 10000 400000 600 400 2022-10-26
13 20000 10000 1200 10009 30000 10000 400000 600 400 2022-10-26
14 20000 10000 1200 10009 30000 10000 400000 600 400 2022-10-26
salary 1
SQL Additions
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or t toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
1 11:54:59 SELECT * FROM employeepayroll.admin LIMIT 0, 1000 1 row(s) returned 0.031 sec / 0.000 sec
2 11:56:09 SELECT * FROM employeepayroll.employee LIMIT 0, 1000 4 row(s) returned 0.016 sec / 0.000 sec
3 11:57:11 SELECT * FROM employeepayroll.salary LIMIT 0, 1000 8 row(s) returned 0.015 sec / 0.000 sec
Breaking
Search
ENG IN
11:57 10-08-2023

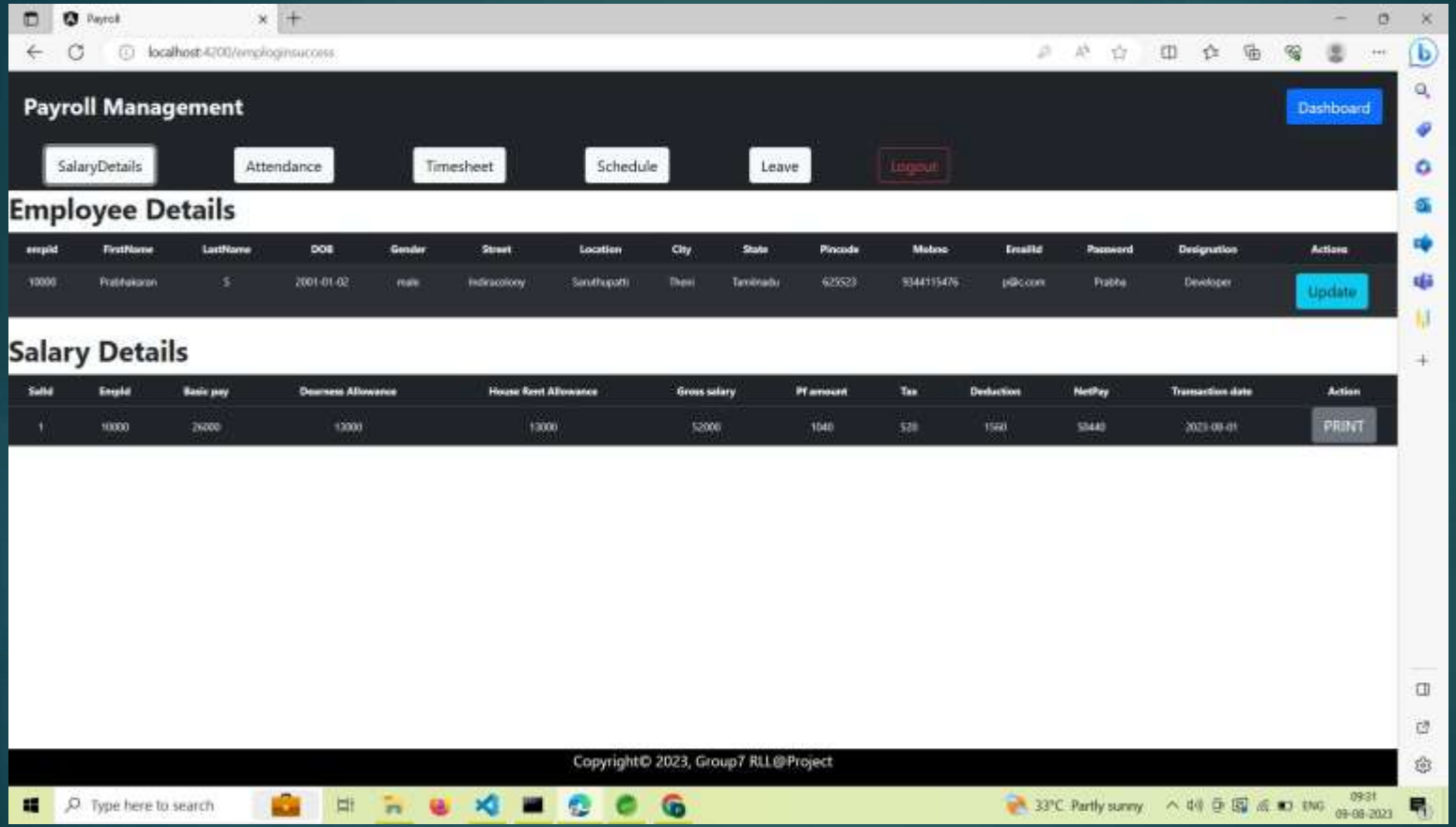
Prabhakaran:(Log in to portal)
1.Employee Registration –BE
2.Employee Registration-FE
3.Employee login-BE
4.Employee login-FE
5.Change password-FE
6.Change password-BE

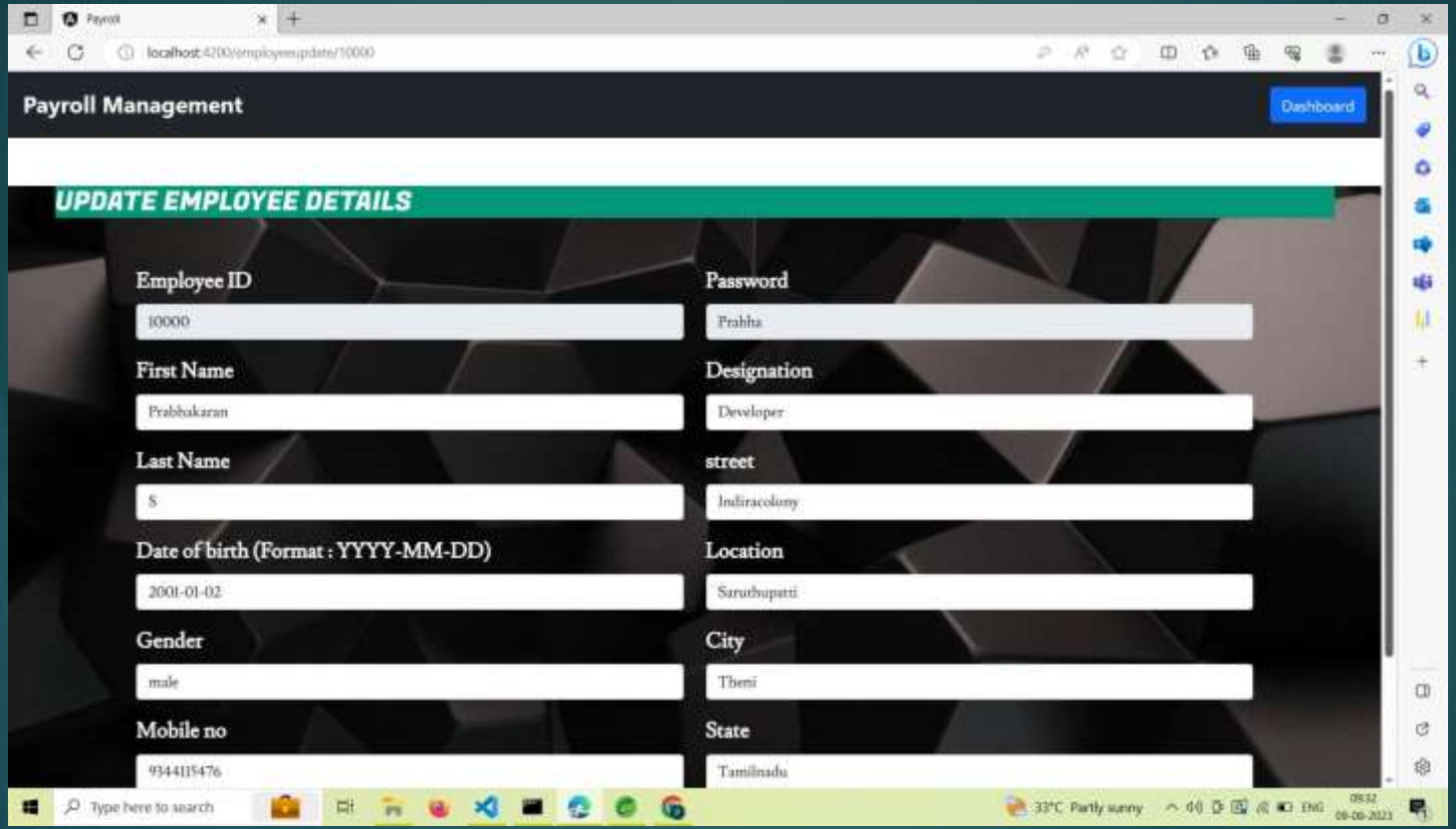

Payroll
localhost:4200/registration
Payroll Management
Dashboard
EMPLOYEE REGISTRATION
Email
p@c.com
First name
Prabhakaran
Last name
S
Date of birth
02-01-2001
Gender*
Male Female Other
Designation* Developer
Password
Mobile number
9344115476
Location
Saruthupatti
Street
Indiracolony
City
Theni
State
Tamilnadu
Pincode
625523
Type here to search
34°C Mostly sunny
ENG
12:50
12-08-2023

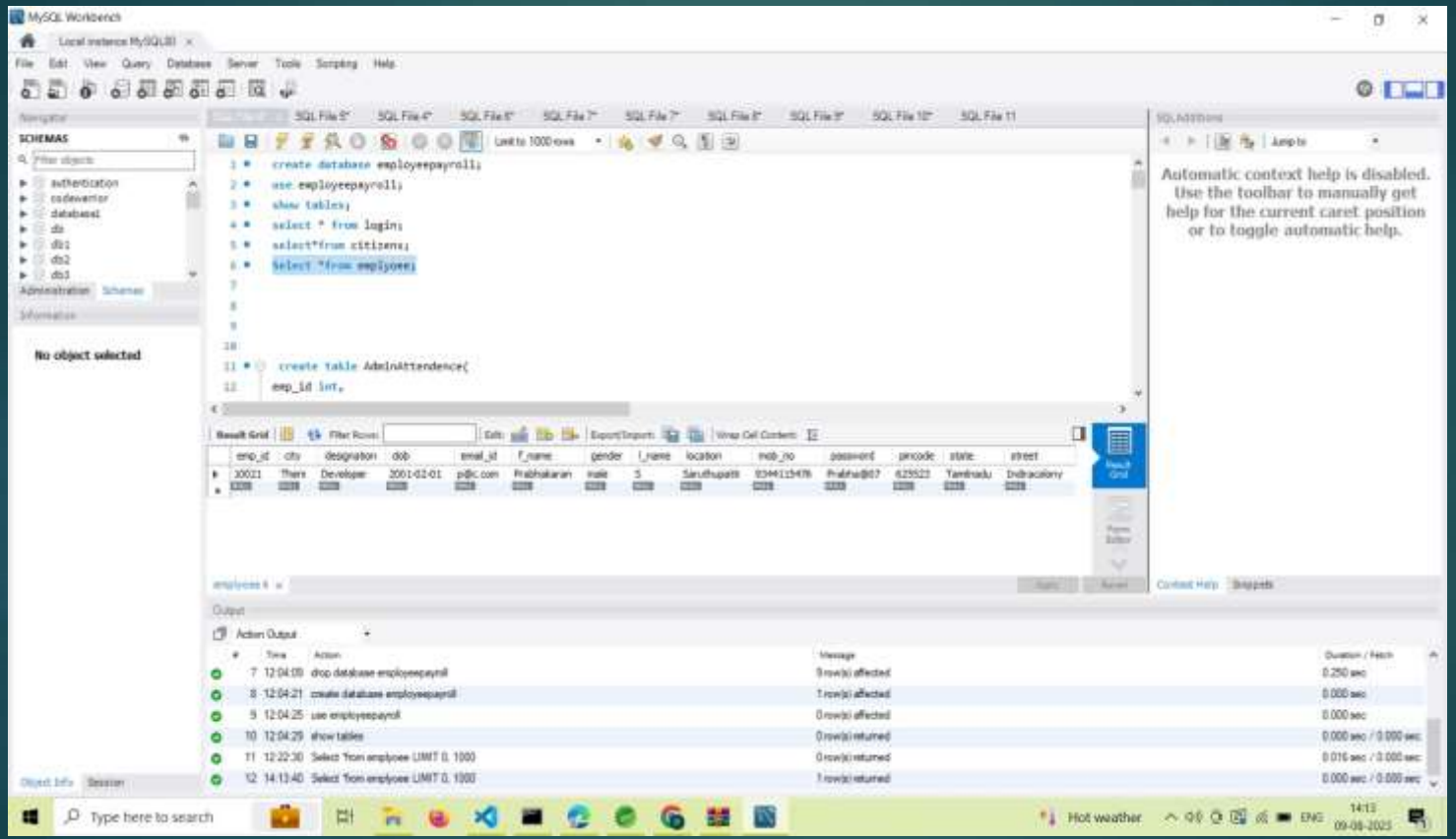

Payroll
localhost:4200/emplogin
Payroll Management
Dashboard
Employee Login
p@c.com
Forgot password?
Login
Reset
Are you New Employee? Register here!!
Type here to search
33°C Partly sunny
ENG


Payroll
Payroll Management
Dashboard
Forget password
p@c.com
9344115476
Reset
Back to Login
Type here to search
33°C Partly sunny
ENG


Payroll
localhost:4200/empchangepassword/empId
Payroll Management
Dashboard
Change Password
10000
confirm password
Password and confirm password should be same
Submit
Type here to search
33°C Partly sunny
ENG
09:33
09-08-2023


Payroll
localhost:4200/employinsuccess
Payroll Management
Dashboard
SalaryDetails
Attendance
Timesheet
Schedule
Leave
Logout
Employee Details
empid
FirstName
LastName
DOB
Gender
Street
Location
City
State
Pincode
Mobno
Emailid
Password
Designation
Actions
10000
Prathakaran
S
2001-01-02
male
Indiracolony
Saruthupatti
Theni
Tamilnadu
625523
9344115476
p@c.com
Prabha
Developer
Update
Salary Details
Salid
Empid
Basic pay
Dearness Allowance
House Rent Allowance
Gross salary
Pf amount
Tax
Deduction
NetPay
Transaction date
Action
1
10000
24000
13000
13000
52000
1040
520
1560
50440
2023-08-01
PRINT
Copyright© 2023, Group7 RLL@Project
Type here to search
33°C Partly sunny
ENG
09-08-2023


Payroll
localhost:4200/employeesupdate/10000
Payroll Management
Dashboard
UPDATE EMPLOYEE DETAILS
Employee ID
10000
Password
Prabha
First Name
Prabhakaran
Designation
Developer
Last Name
S
street
Indiracolony
Date of birth (Format : YYYY-MM-DD)
2001-01-02
Location
Saruthupatti
Gender
male
City
Theni
Mobile no
9344115476
State
Tamilnadu
Type here to search
33°C Partly sunny
ENG
09:32
09-08-2023


MySQL Workbench
create database employeepayroll;
use employeepayroll;
show tables;
select * from login;
select*from citizens;
Select *from employee;
create table AdminAttendence(
emp_id int,
No object selected
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Action Output
drop database employeepayroll
create database employeepayroll
use employeepayroll
show tables
Select *from employee LIMIT 0, 1000
Select *from employee LIMIT 0, 1000
Type here to search
Hot weather
ENG
14:13
09-08-2023

Employee APIs

HTTP methods	**URL**	**Operation**
GET	http://localhost:8085/employeepayroll/ad/10036	To retrieve all the employees
POST	http://localhost:8085/employees	To create/register the new employee
PUT	http://localhost:8085/employeepayroll/emp/10031	To update the specific employee details
DELETE	http://localhost:8085/employeepayroll/ad/10044	To delete the specific employee details

Admin APIs

HTTP methods	**URL**	**Operation**
POST	http://localhost:8085/register--admin	To register the admin details
POST	http://localhost:8085/login	To login the admin

Attendance APIs

HTTP methods	**URL**	**Operation**
GET	http://localhost:8085/employeepayroll/attend/attendances	To get the attendance of particular employee
GET	http://localhost:8085/employeepayroll/attend/10031	To get the attendances of all the employees
POST	http://localhost:8085/employeepayroll/attend/attendances	To create the attendance of particular employee
DELETE	http://localhost:8085/employeepayroll/attend/attendances/0	To delete the attendance of particular employee

Leave APIs

HTTP methods	**URL**	**Operation**
GET	http://localhost:8085/employeepayroll/leave/10031	To get the leave list of particular employee
GET	http://localhost:8085/employeepayroll/leave/leaves	To get the leave list of all the employees
POST	http://localhost:8085/employeepayroll/leave/leaves	To create the leave list of particular employee
DELETE	http://localhost:8085/employeepayroll/leave/leaves/10007	To delete the leave list of particular employee

Work Schedule APIs

HTTP methods	**URL**	**Operation**
GET	http://localhost:8085/employeepayroll/time/10001	To get the work schedule of particular employee
GET	http://localhost:8085/employeepayroll/time/timesheets	To get the Work schedule of all the employees
POST	http://localhost:8085/employeepayroll/schedule/schedules	To create the Work schedule of particular employee
DELETE	http://localhost:8085/employeepayroll/time/timesheets/10010	To delete the Work schedule of particular employee
PUT	http://localhost:8085/employeepayroll/time/timesheets/10010	To update the Work schedule of particular employee

Time sheet list APIs

HTTP methods	**URL**	**Operation**
GET	http://localhost:8085/employeepayroll/time/timesheets/{empid}	To get the time sheet list of particular employee
GET	http://localhost:8085/employeepayroll/time/timesheets	To get the time sheet list of all the employees
POST	http://localhost:8085/employeepayroll/time/timesheets/10010	To create the time sheet for particular employee
DELETE	http://localhost:8085/employeepayroll/time/timesheet/{empid}	To delete the time sheet for particular employee
PUT	http://localhost:8085/employeepayroll/time/timesheets/10010	To update the time sheet for particular employee

Salary list APIs

HTTP methods	**URL**	**Operation**
GET	http://localhost:8085/employeepayroll/salary/empid/10007	To get the salary list by salary id
GET	http://localhost:8085/employeepayroll/salary/salaries	To return the all the salary list
POST	http://localhost:8080/employeepayroll/salary/salaries	To create the salary list for particular employee
DELETE	http://localhost:8085/employeepayroll/salary/salaries/{id}	To delete the salary list for particular employee

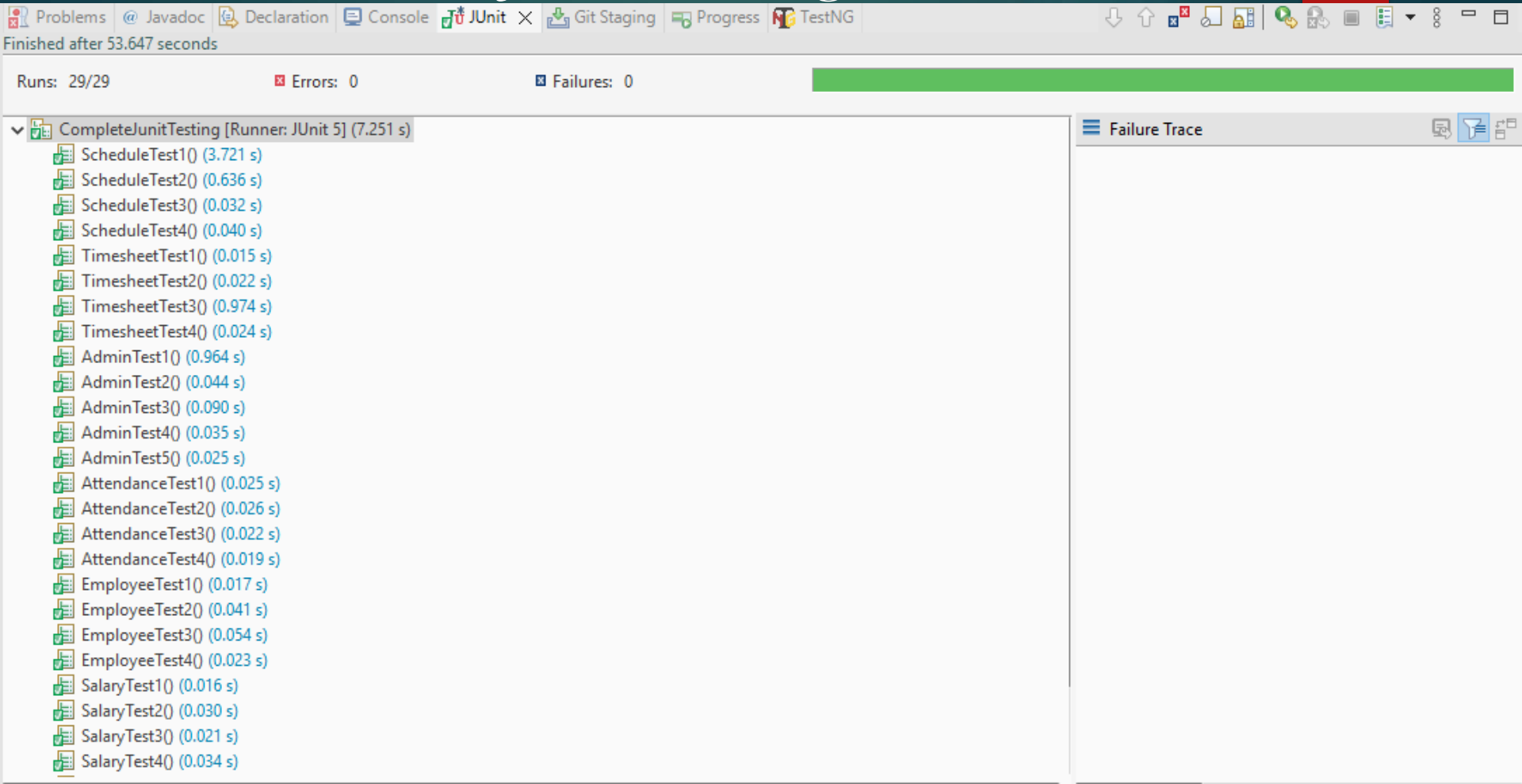
Employee APIs

HTTP methods	**URL**	**Operation**
POST	http://localhost:8085/employees	To register the employee in employee side
POST	http://localhost:8085/employees/login	To login the employee in the employee side
PUT	http://localhost:8085/forgotpassword	To give the registered email and mobile number and to reset the password

JUnit Testing

- ✓ JUnit is an open source Unit Testing Framework for JAVA.
- ✓ It is useful for Java Developers to write and run repeatable tests.
- ✓ JUnit makes it possible for the software developer to easily correct bugs as they are found.
- ✓ Once you are done with code, you should execute all tests, and it should pass.
- ✓ Every time any code is added, you need to re-execute all test cases and makes sure nothing is broken.

JUnit Testing Result



DEMO

Conclusion

- “Employee Payroll Management System” is developed to achieve maximum efficiency and reduce the time taken to handle the Payroll activity.
- It is designed to replace an existing manual record system thereby reducing time taken for calculations and for storing data.
- The implementation of the system in the organization will considerably reduce data entry, time and also provide readily calculated reports.

THANK YOU