

Employee Appraisal Management

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ABSTRACT

In this assignment we aim to implement an appraisal system in which every employee in the company can see yearly ratings given by the manager and he or she can see the increased salary. Admin can add or delete employees, admin can give ratings to managers. Admin and manager can also hide the given ratings from the employee.

Any employee should login to their account using username and password given to them.

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Introduction

In this web application, there are three types of user modules as

- 1)Admin
- 2)Manager
- 3)Employee

Each of them is a single page application. Users can login the account in respective modules using correct username and password.

1)Admin Module

Admin can login to the admin page after entering the correct username and password. After entering the correct username and password, admin page will be displayed. Admin page is a single page application. Admin can add employees to the database. After adding the employee to the database, that respective employee will receive a mail having details such as employee id, username and password. Admin can delete the employee. After removing the employee from the database, the same employee can't login to the account. Admin can also give ratings to managers and he can also hide the ratings from the manager.

2)Manager Module

Manager can go to the manager page after entering the correct username and password. After entering the correct username and password, manager page will be displayed. Manager page is a single page application. A Manager can give ratings to the employees working under him/her or hide the ratings from any employee. Manager can see the rating he/she got from the admin. If rating is not visible then manager will see old salary else he/she can see revised salary.

2)Employee Module

Employee can go to the employee page after entering the correct username and password. After entering the correct user name and password, employee page will be displayed.

Employee page is a single page application. Employee can see the ratings given by his/her manager. If rating is not visible then employee will see old salary else he/she can see revised salary.

CRUD Operations

1) Create Operation

When the admin enters the new employee to the table. Insert operation is performed on inform, admin, employee, and manager collection. For simplicity, I have kept employee id as username and password. Only the admin can add employees to the database.

2) Read Operation

Read operation is performed when the user is trying to login to the module and displaying the information of all employees. Read operation is performed on inform, admin, manager and employee collection.

3) Update Operation

Update operation is performed when admin or manager want to give the ratings to employee or admin and manager want to make the rating visible or invisible to the user. Update operation is performed on inform collection

4) Delete Operation

Delete operation is performed when the admin wants to delete the employee. Delete operation will be performed on inform, admin, manager and employee collection.

Output

1) Index page

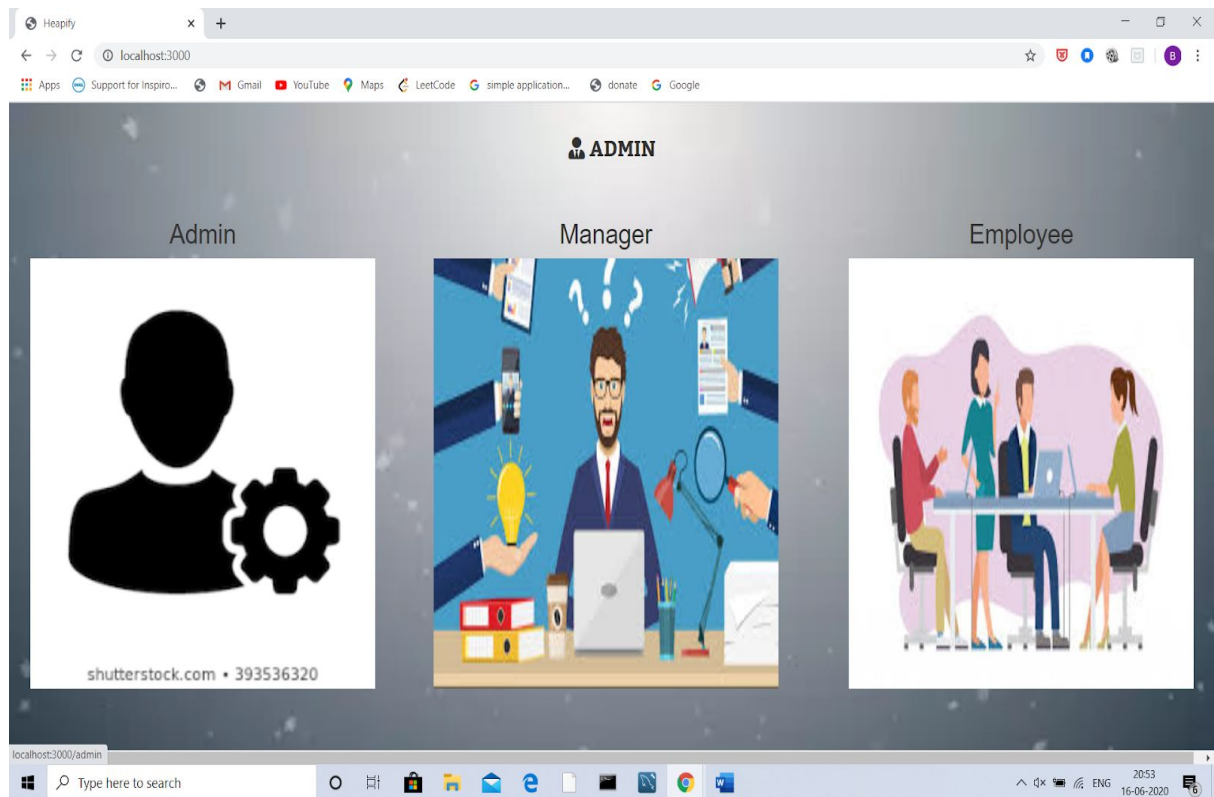


Fig-1 index page of the website

2) Login pages

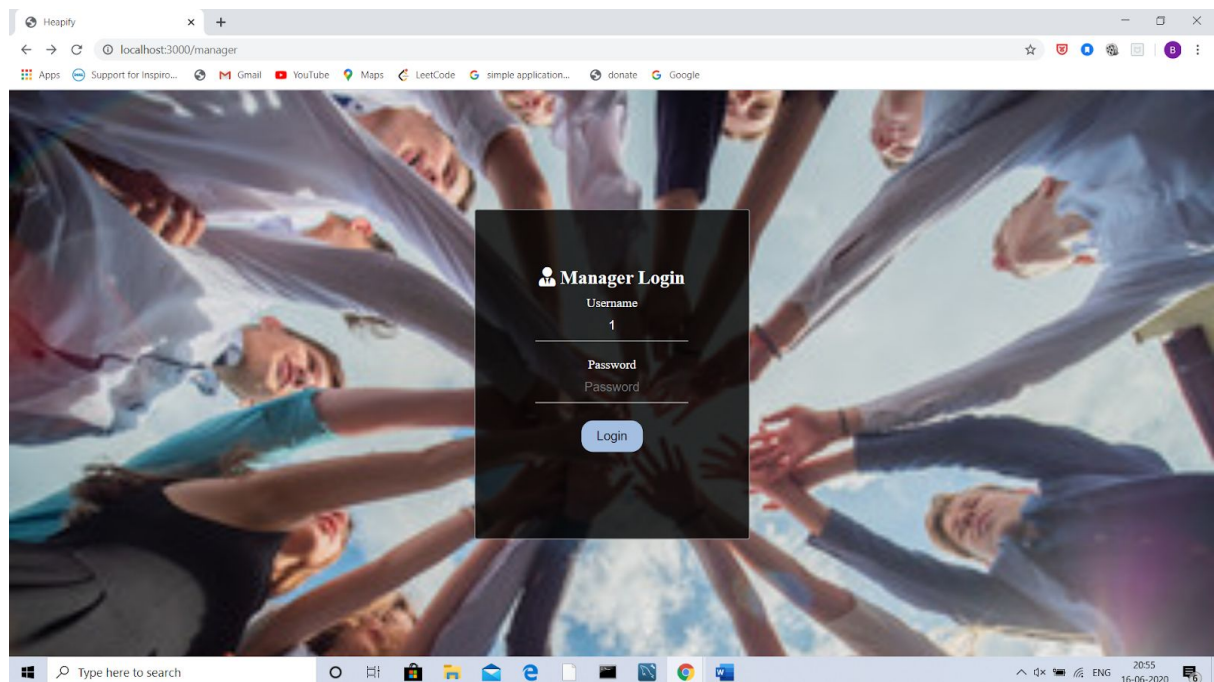


Fig-2 Admin Login Page

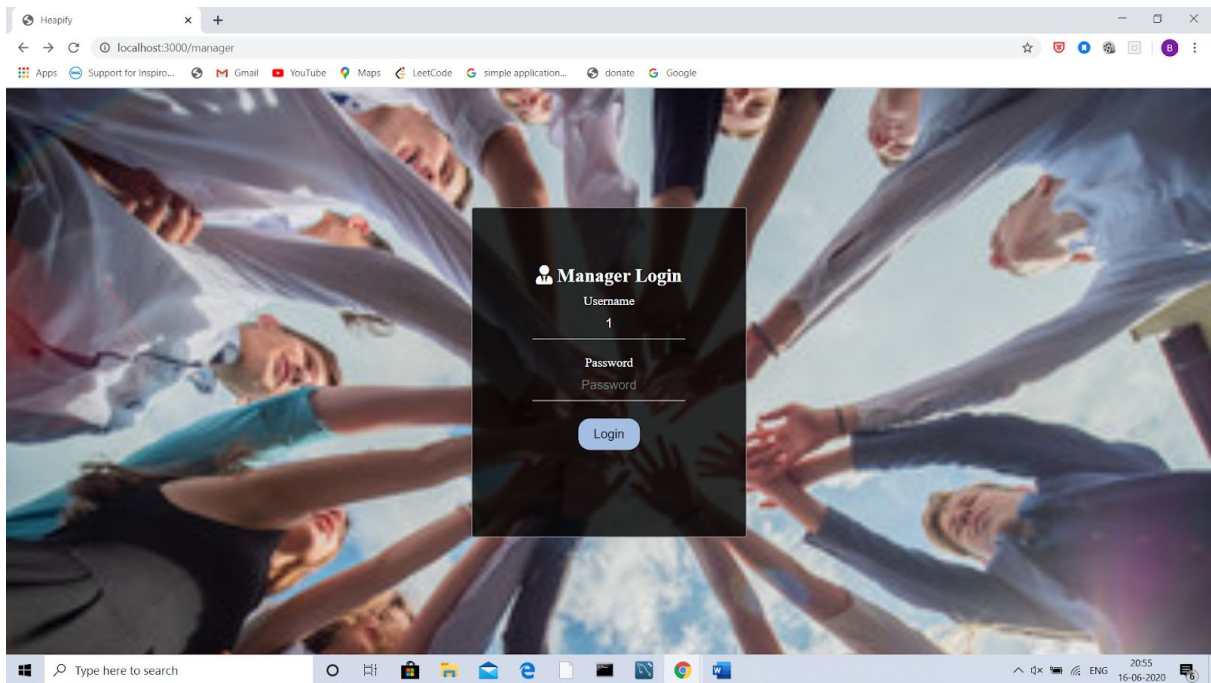


Fig-3 Manager Login Page

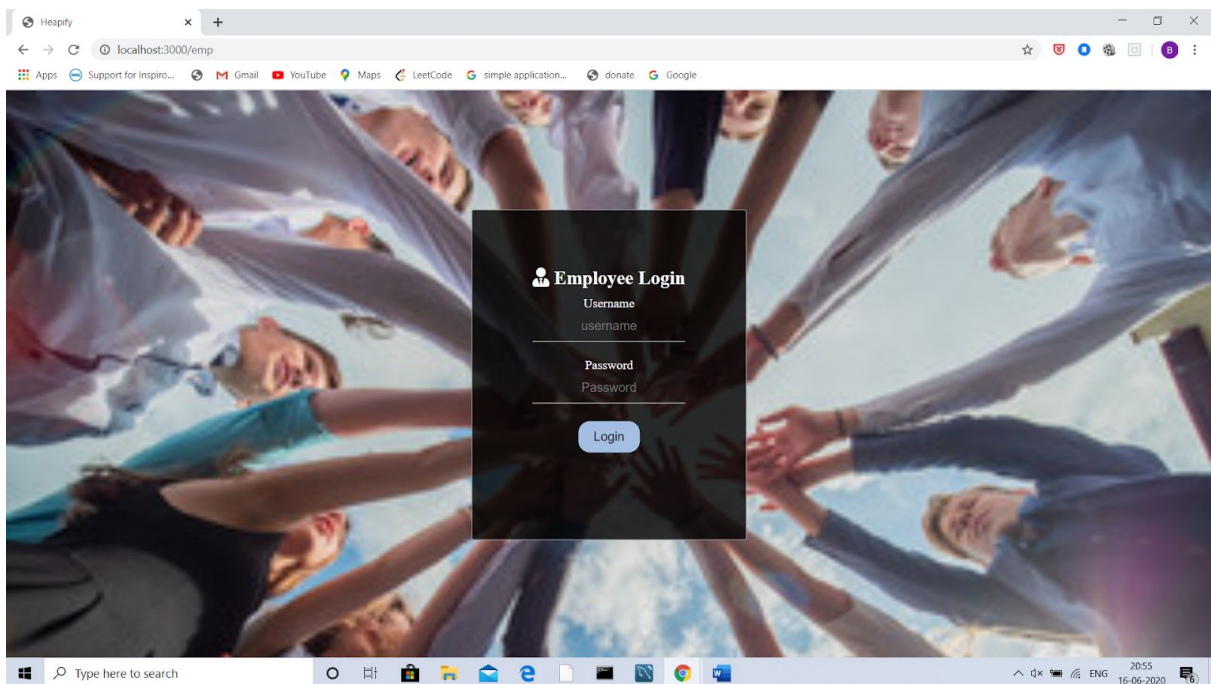


Fig-4 Employee Login

3) Admin Module

The screenshot shows a web browser window with the URL `localhost:3000/admin/add`. The navigation bar includes links for Home, Add Employee, Rating To Manager, Manage Employee Data, and Logout. The main content area is titled 'information' and contains a form with the following fields: First Name, Last Name, Emp-id, Manger id, Salary, and Email. A green 'Reset' button is located at the bottom of the form.

Fig-5 Admin can add the employee

The screenshot shows a web browser window with the URL `localhost:3000/admin/req`. The navigation bar is the same as in Fig-5. The main content area is titled 'Ratings of Managers' and displays a table with employee data and rating options.

Employee ID	Name	Salary	Rating	Post	Available	Unavailable
1	Bhagyashri	200000		Post	Visible	Invisible
6	SNEHAL	200000		Post	Visible	Invisible
10	sandhya	15000		Post	Visible	Invisible

Fig-6 Admin can give rating to Manager

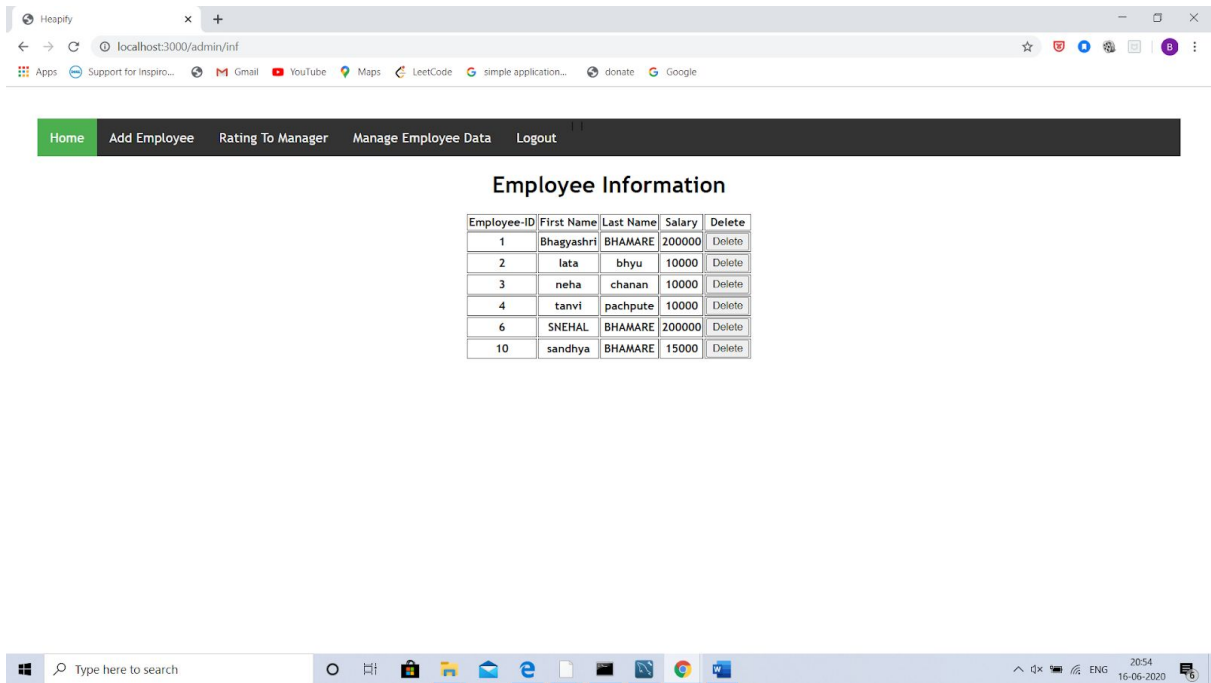


Fig-7 Admin can delete Employee

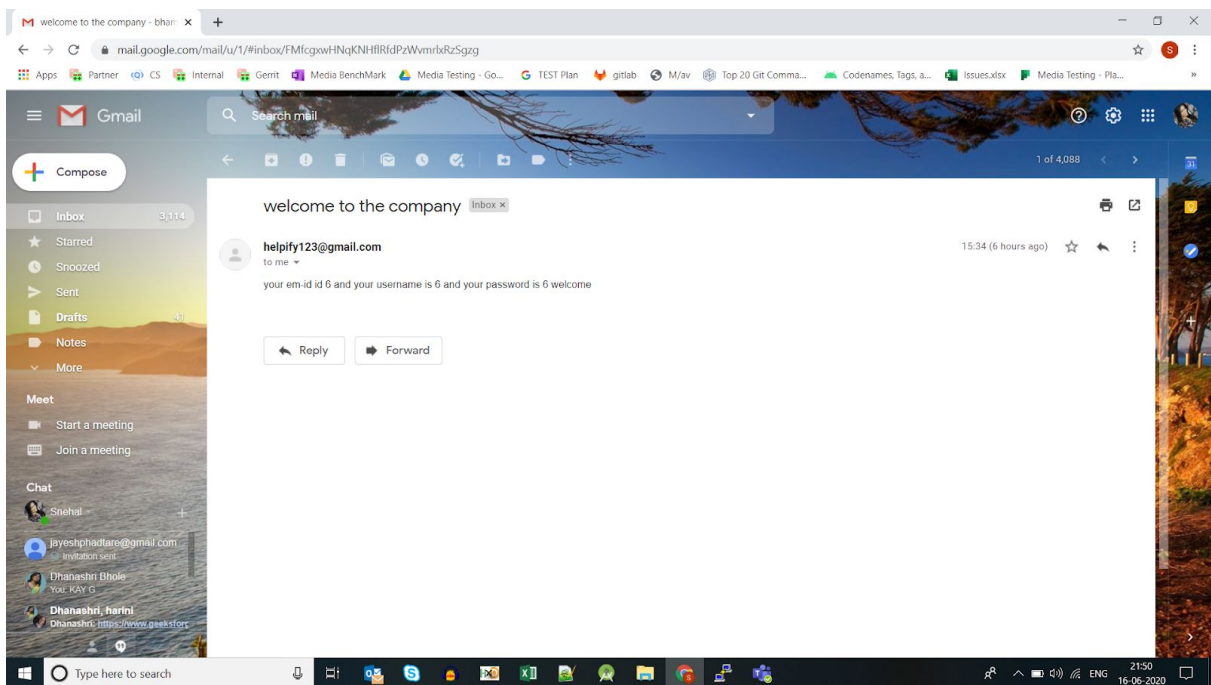


Fig-12 employee will get the mail

5) Manager Module

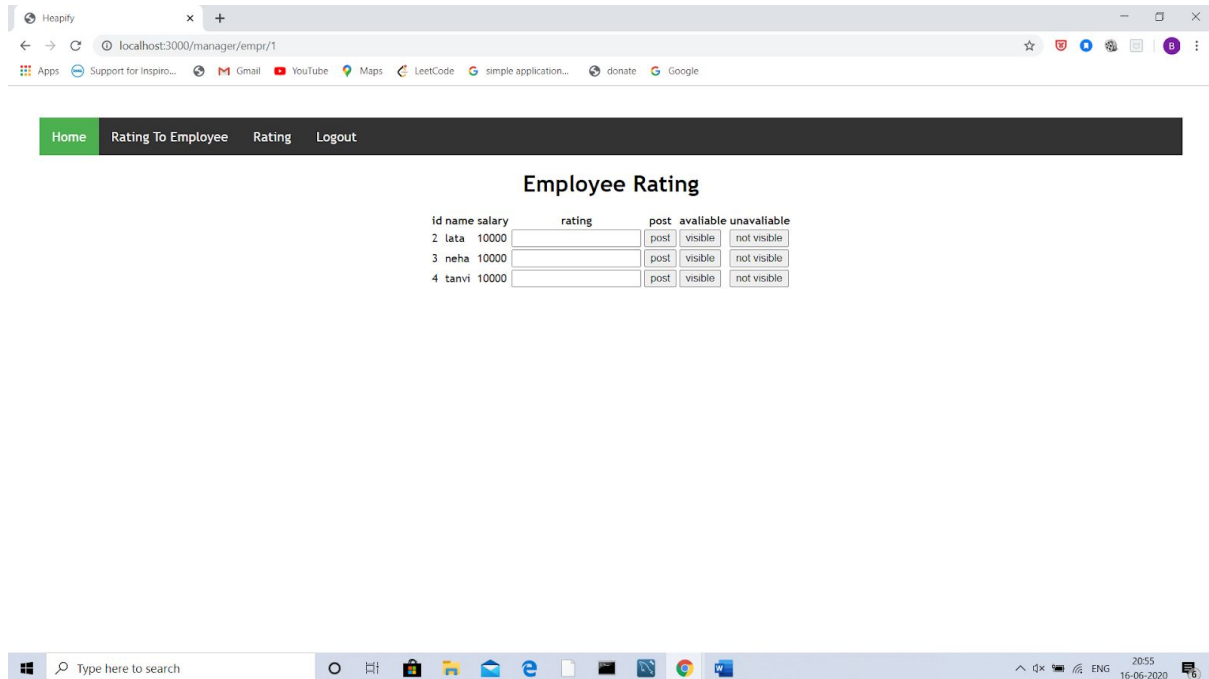


Fig-8 Manager can give rating to employee under him/her

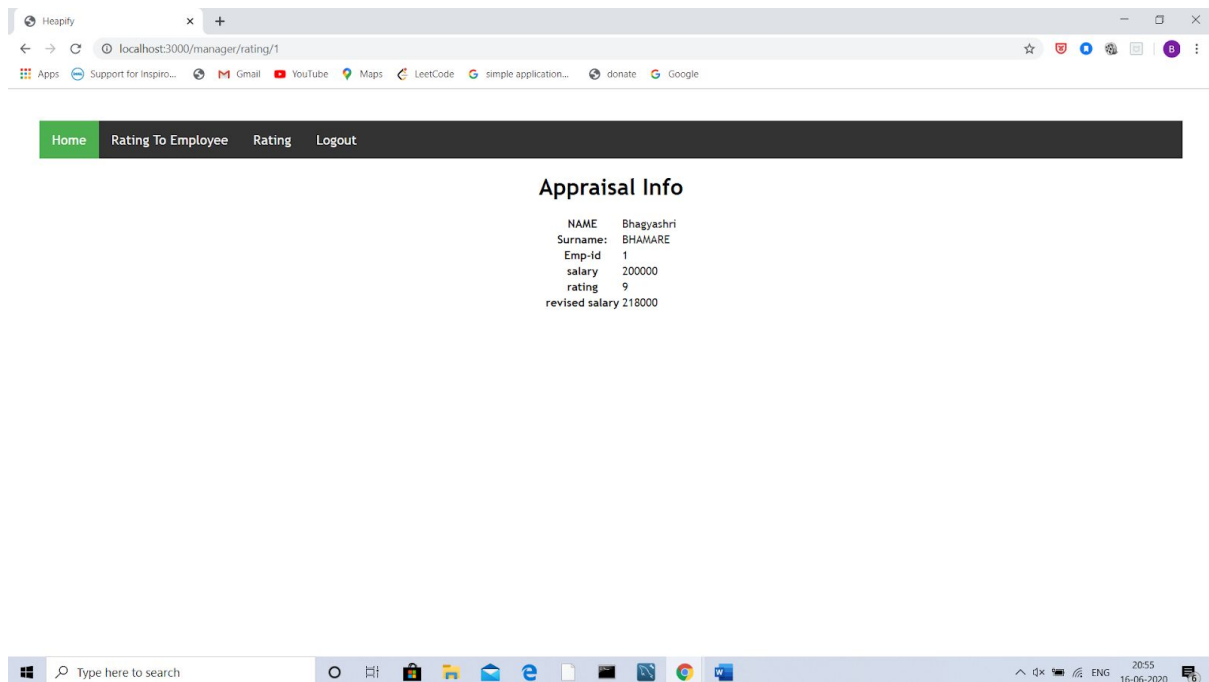


Fig-9 Manager can see rating and revised salary given by admin

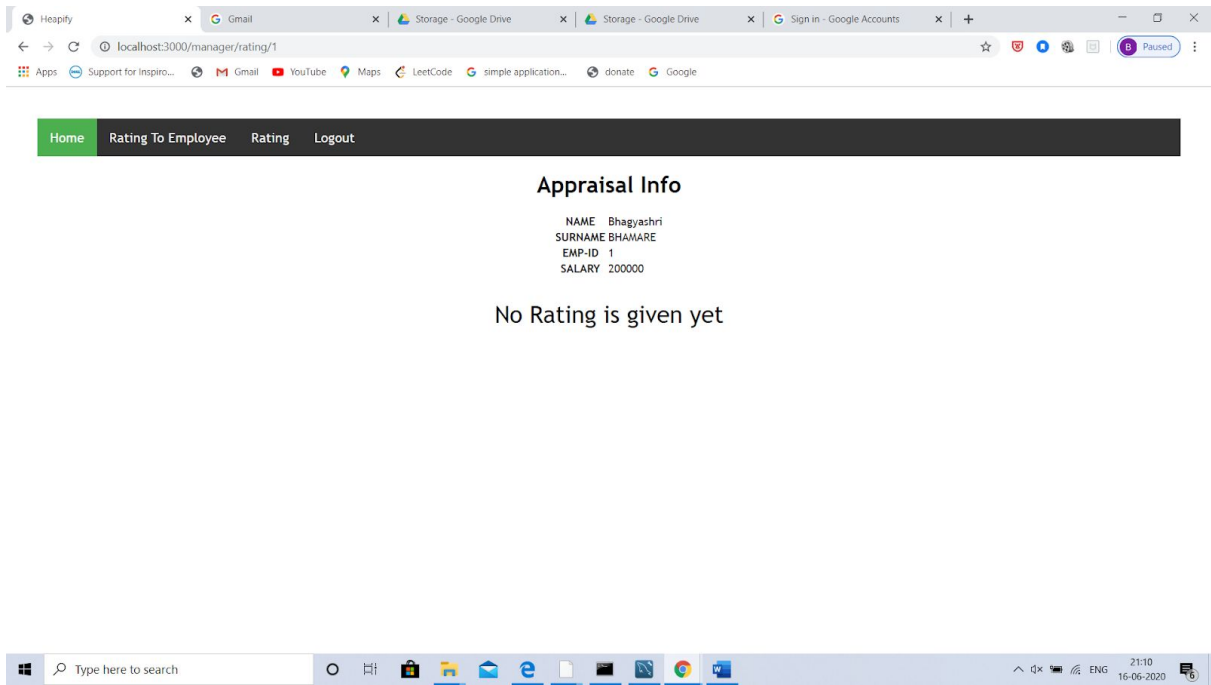


Fig-10 Rating of manager hidden by the admin

6) Employee Module

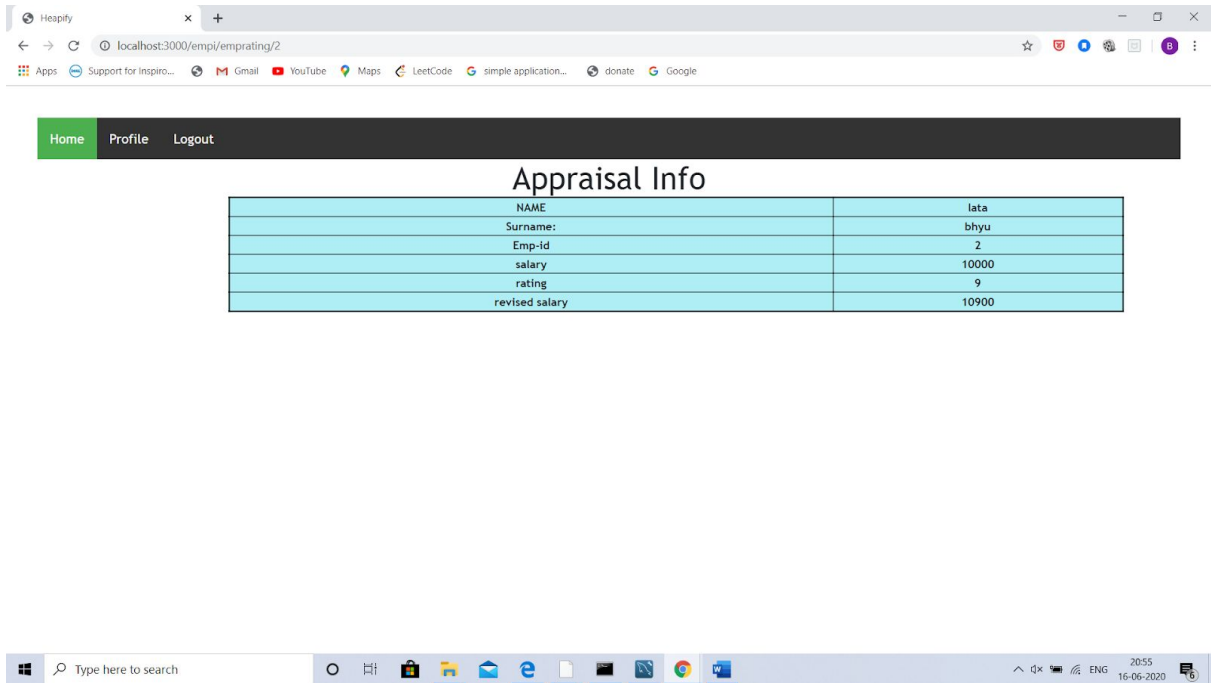


Fig-11 employee can see his rating

Data Base

1)Admin login Data

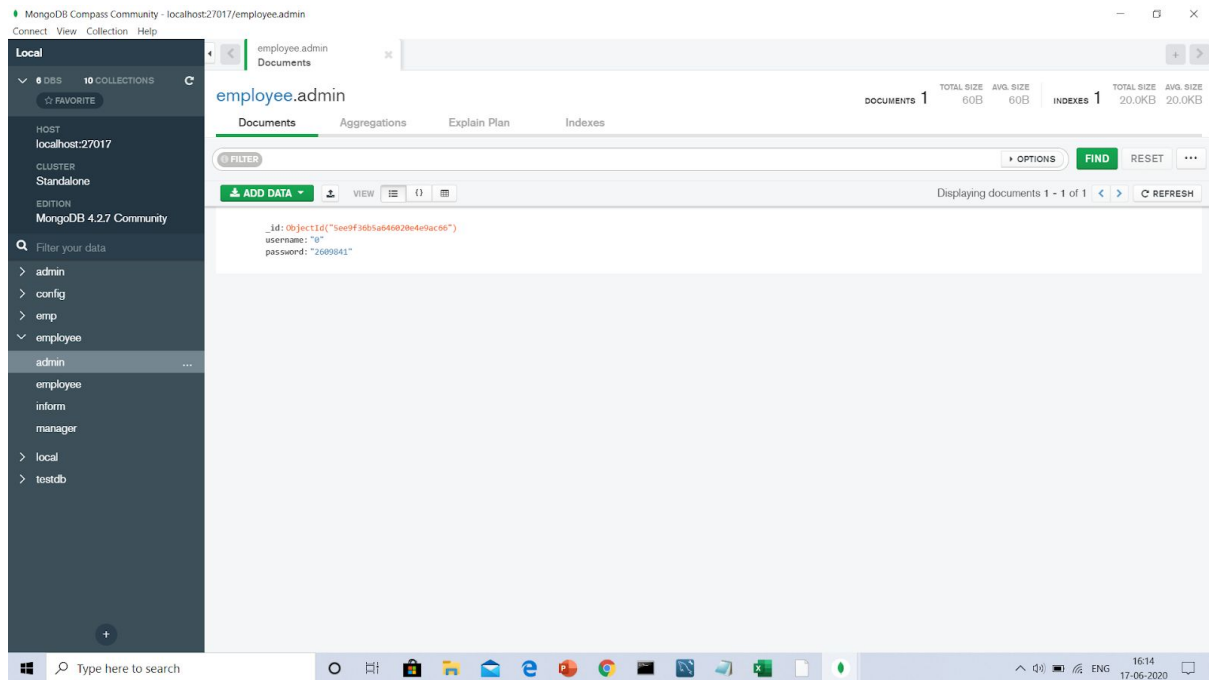


Fig-13 Admin login data

2) Employee Login Data

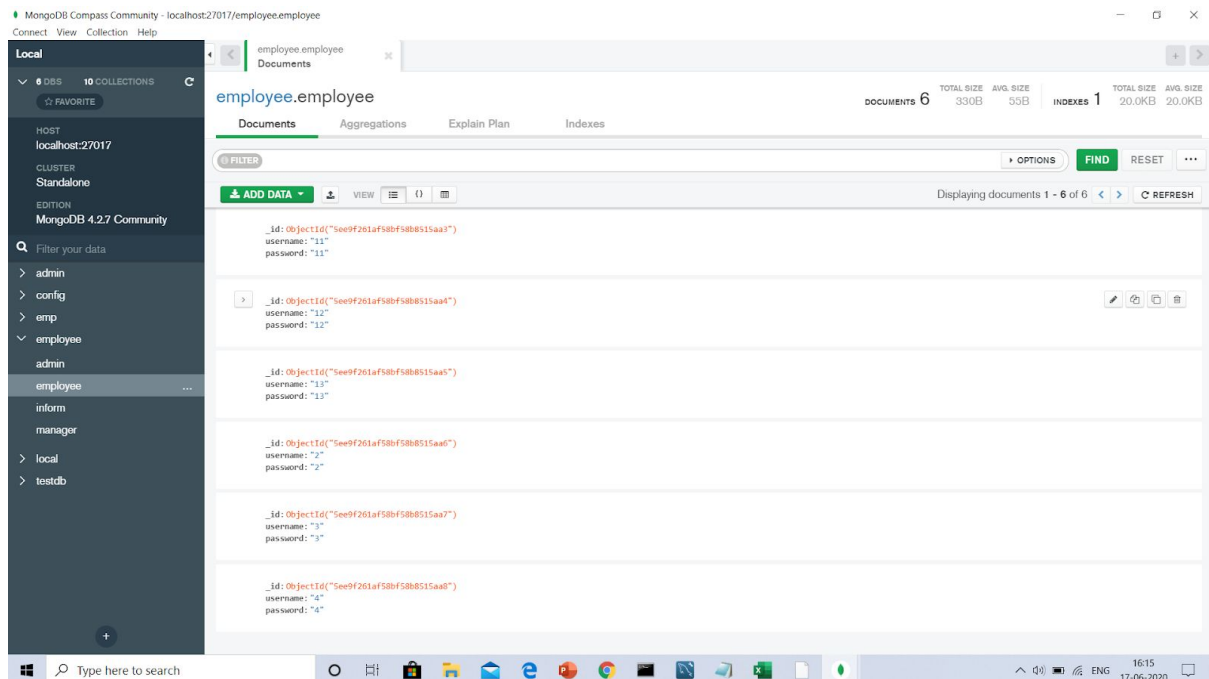


Fig-14 Employee Login Data

4) Manager Login Data

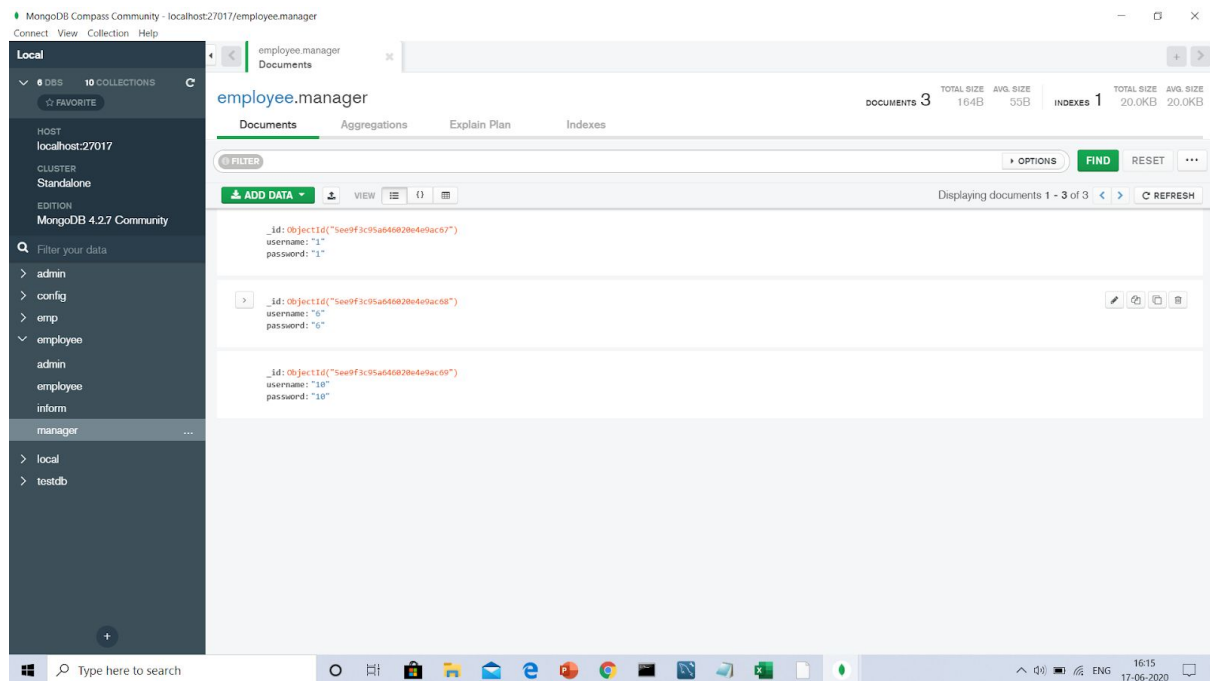


Fig-15 Manager Login Data

5) Information of Employee

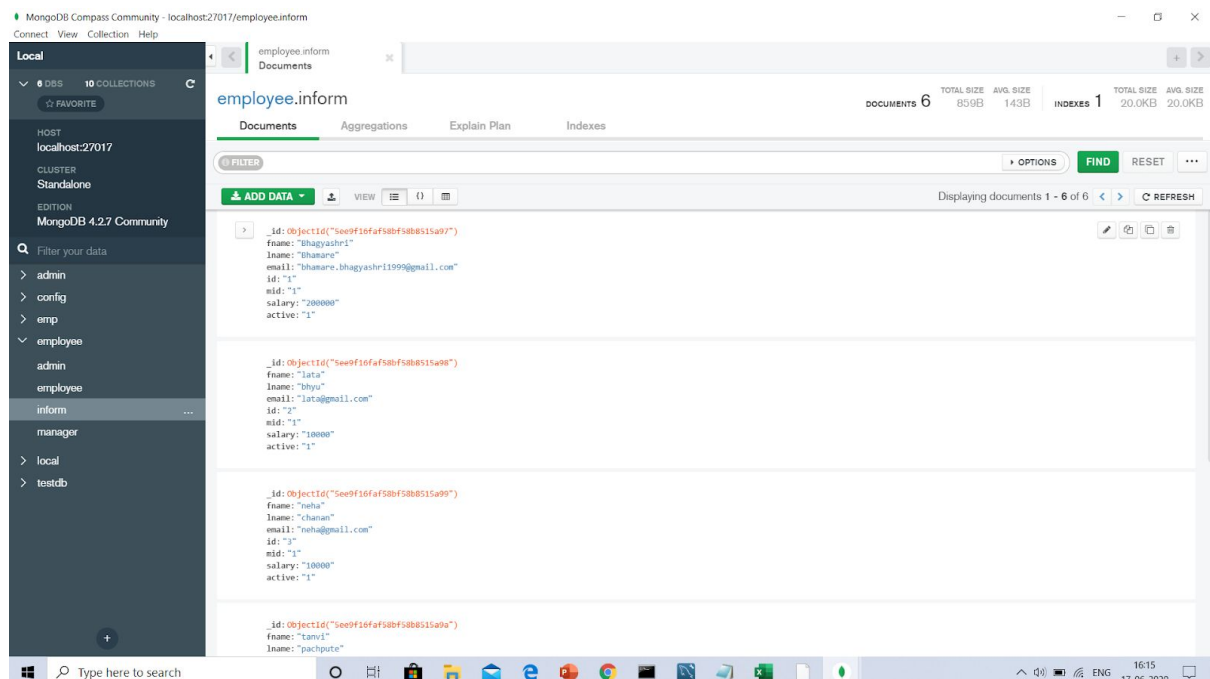


Fig-16 Employee Information

Front end: HTML, CSS and JavaScript,Angular

Back end: Node.js, Express.js and MongoDB

Github link: <https://github.com/BhagyashriNBhamare/Employee>