WTA Practical Assignment

On

Employee Appraisal Management System

for the course

IT254 : Web Technology and Applications

Submitted by

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Under the guidance of

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in partial fulfillment for the award of the degree

of

Bachelor of Technology

in

Information Technology

at

Department of Information Technology

National Institute of Technology Karnataka, Surathkal.

June 2020

Modules

Technologies Used

Frontend: AngularJS
Backend: Express and Nodejs
Database: MongoDB

Pre Installation

Install npm packages using 'npm install' command.

npm i --s express@4.16.4 mongoose@5.6.19 body-parser@1.18.3 express-handlebars@3.0.0

Github Link

https://github.com/Chinmayi27/Employee-Appraisal-Management-System/tree/master

Working

employeeController.js :
It is used to connect the backend to the frontend.

Mongoose connects Nodejs to MongoDB.

The router has middleware functions for:
● GET operations at the path '/' that returns all the appraisal records
● POST operations at the path '/' to submit a new appraisal record
● PUT operations at the path '/:id>' to update an existing appraisal record
● DELETE operations at the path '/delete/:id>' to delete an existing appraisal record

function insertRecord is used for inserting record to the database

function updateRecord is used for updating a record in the database

function handleValidationError is used to alert errors in the type of entry

Screenshots

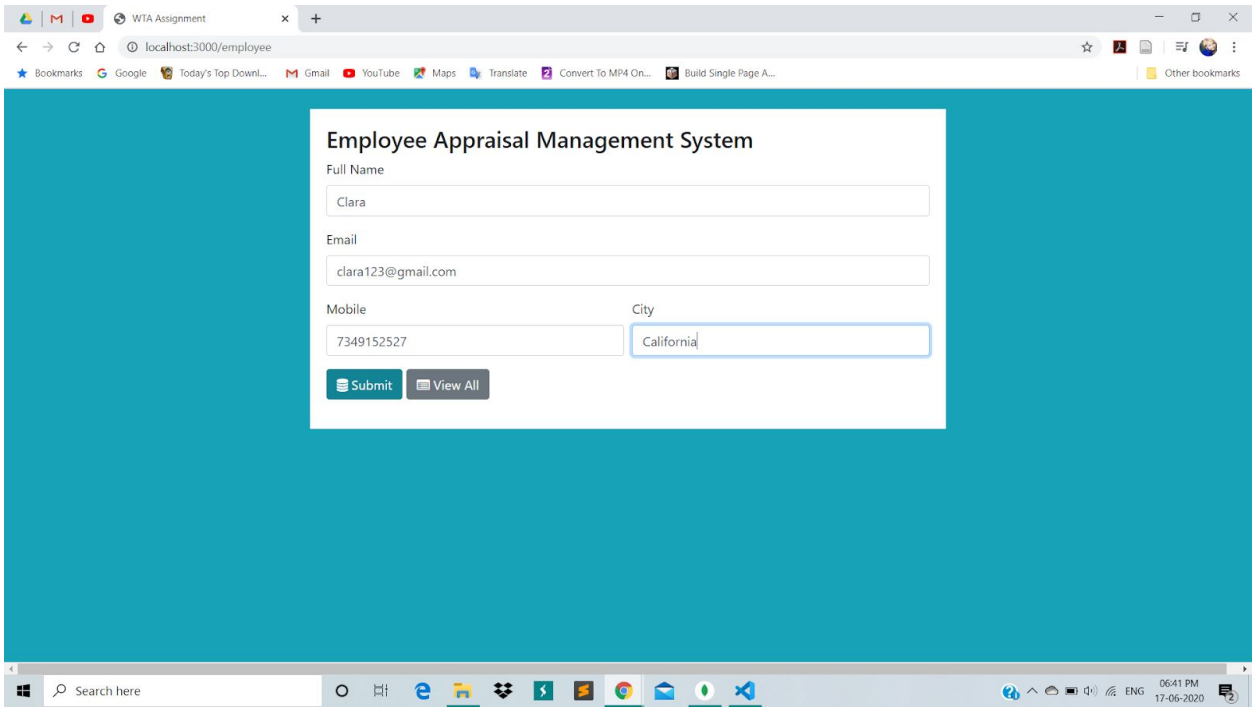

Fig 1. Inserting Values

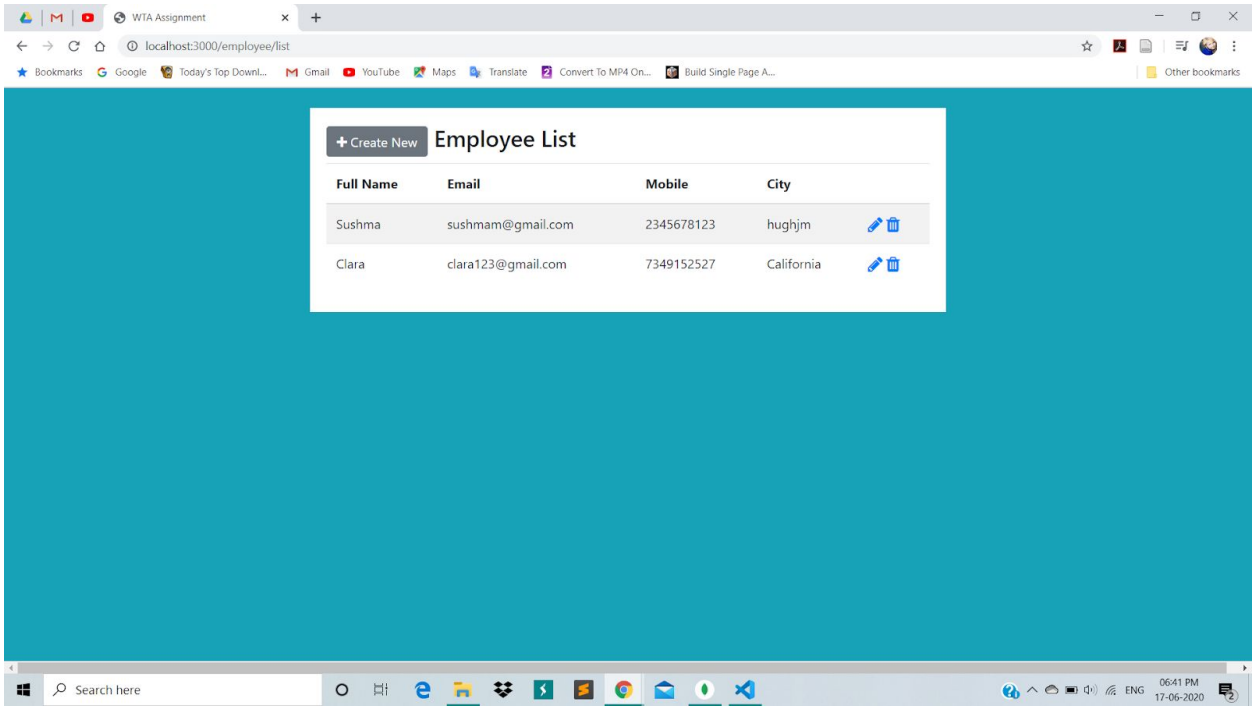

Fig 2. After Insertion

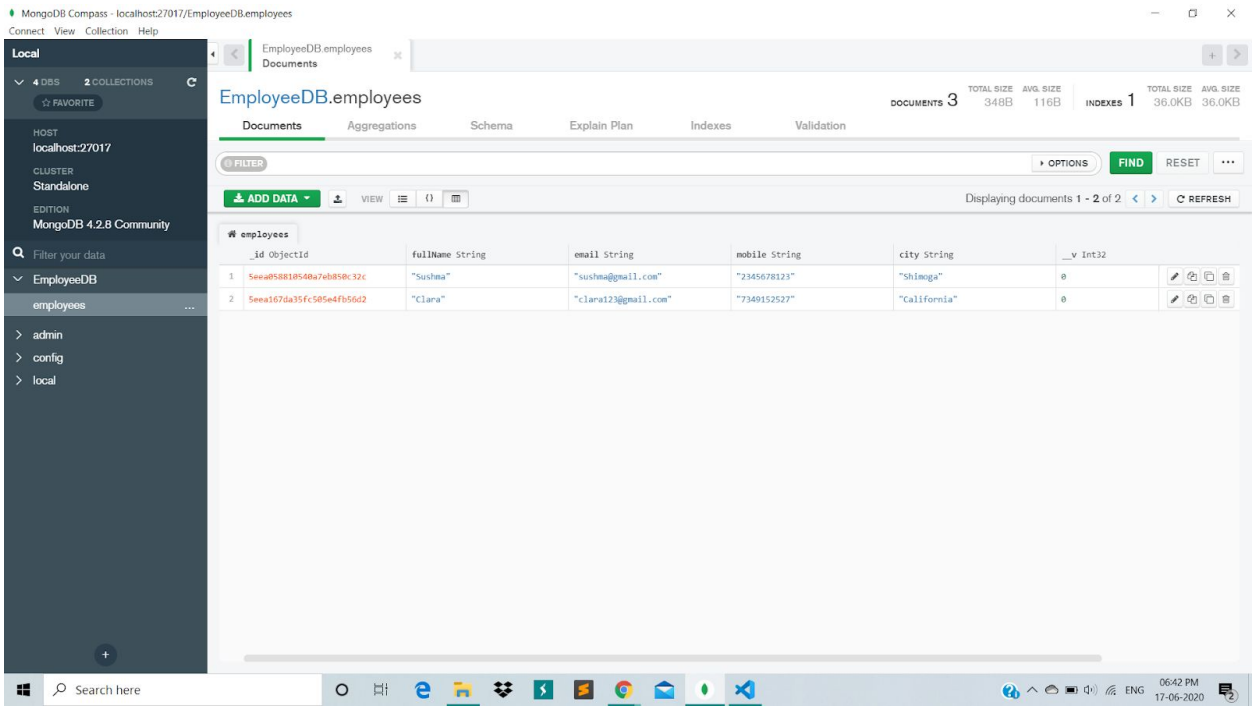

Fig 3. Database after Insertion

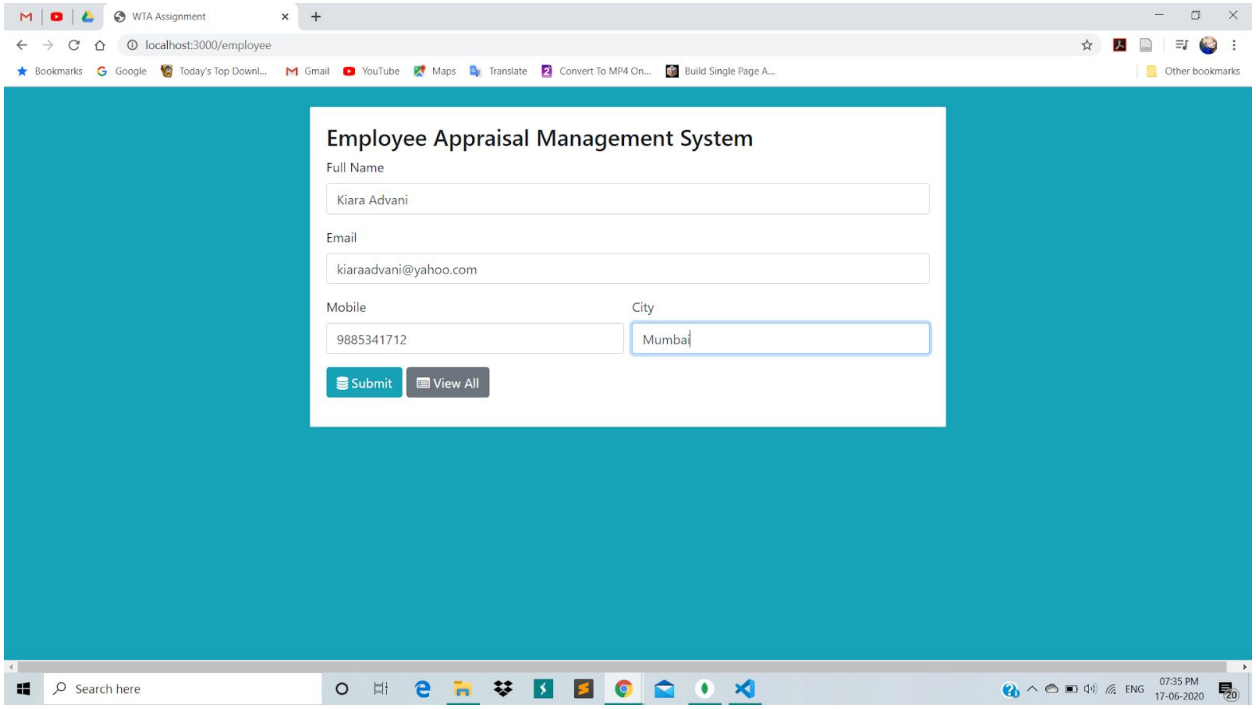

Fig 4.Inserting another entry

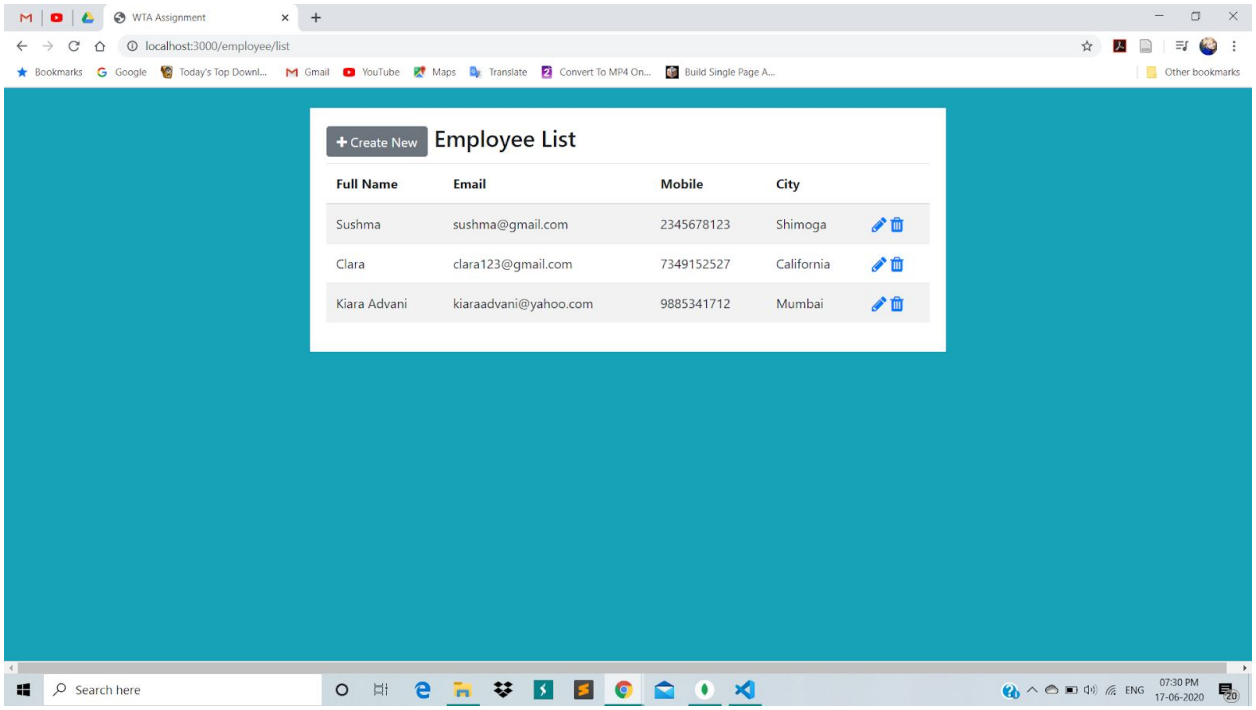

Fig 5. Table showing the third entry

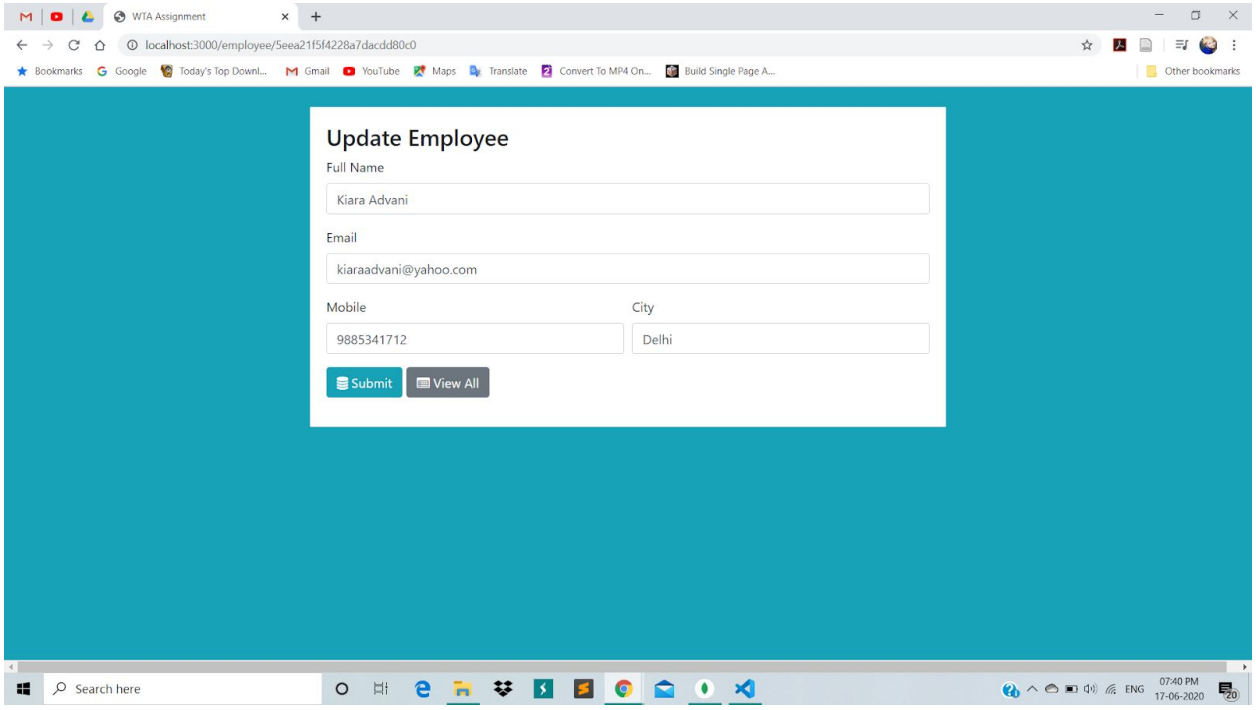

Fig 6. Updating the City

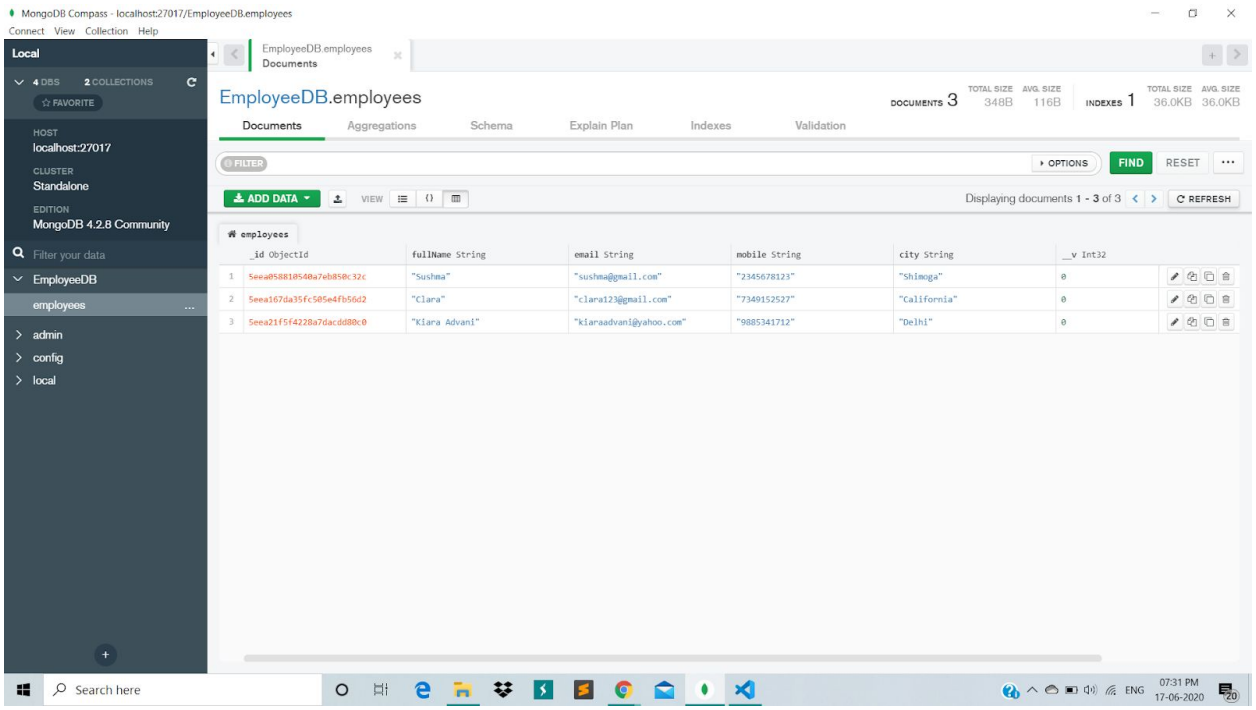

Fig 7. Database after Updation

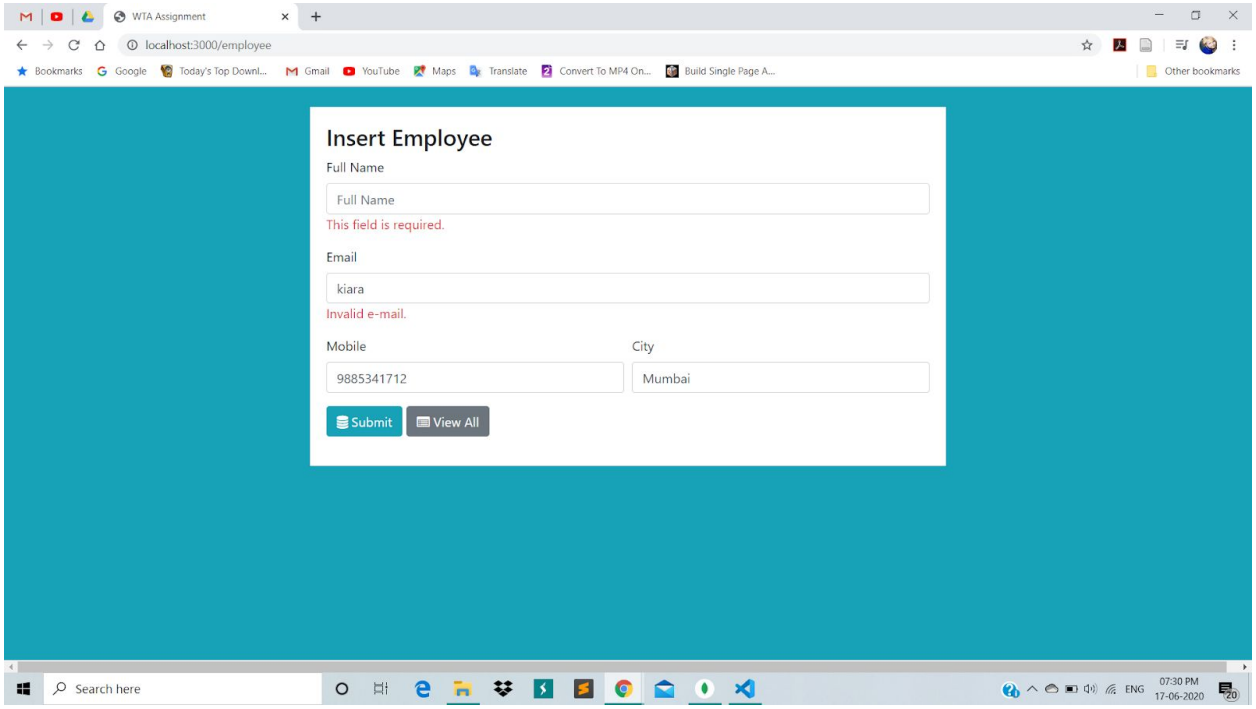

Fig 8. Error Handling in the form

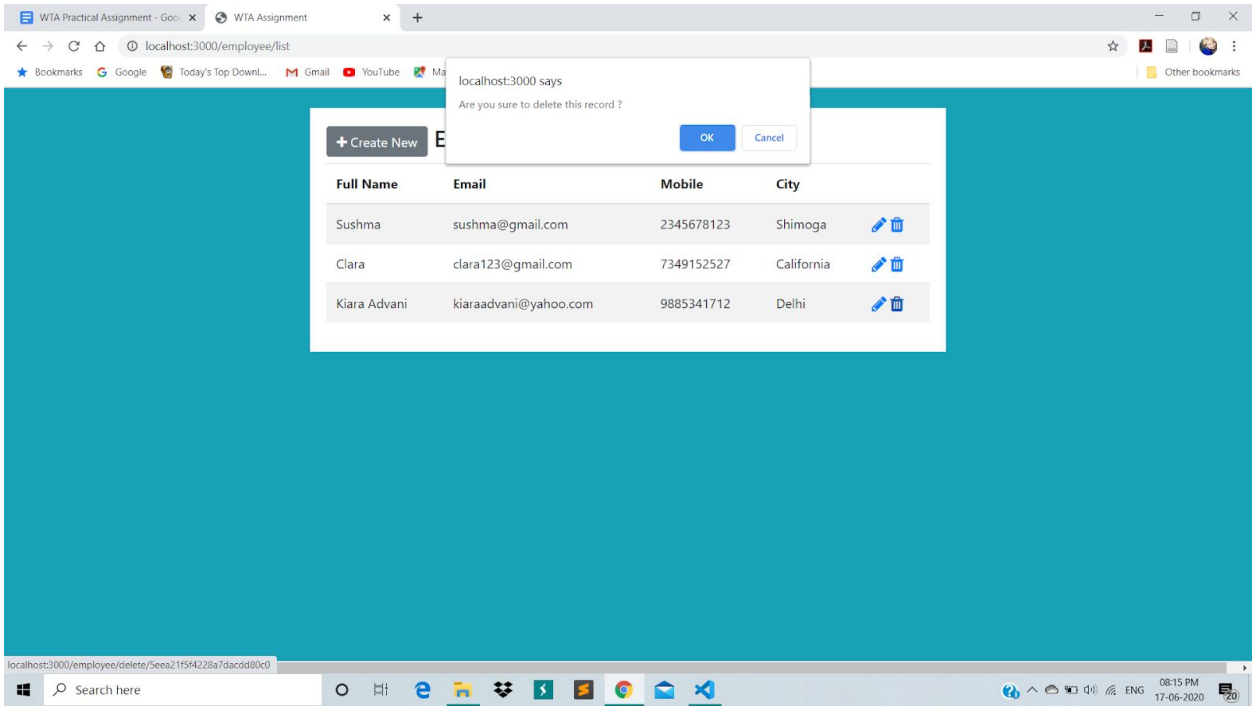

Fig 9. Deletion of the record

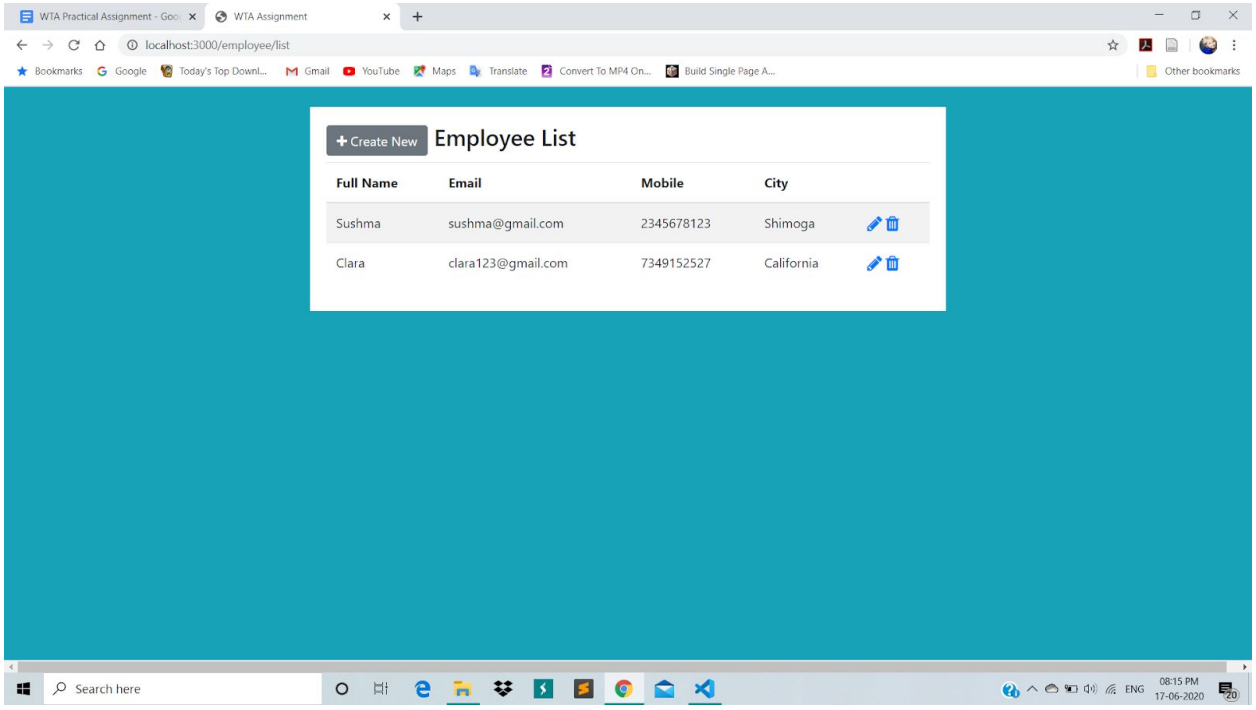

Fig 10. After deleting the record

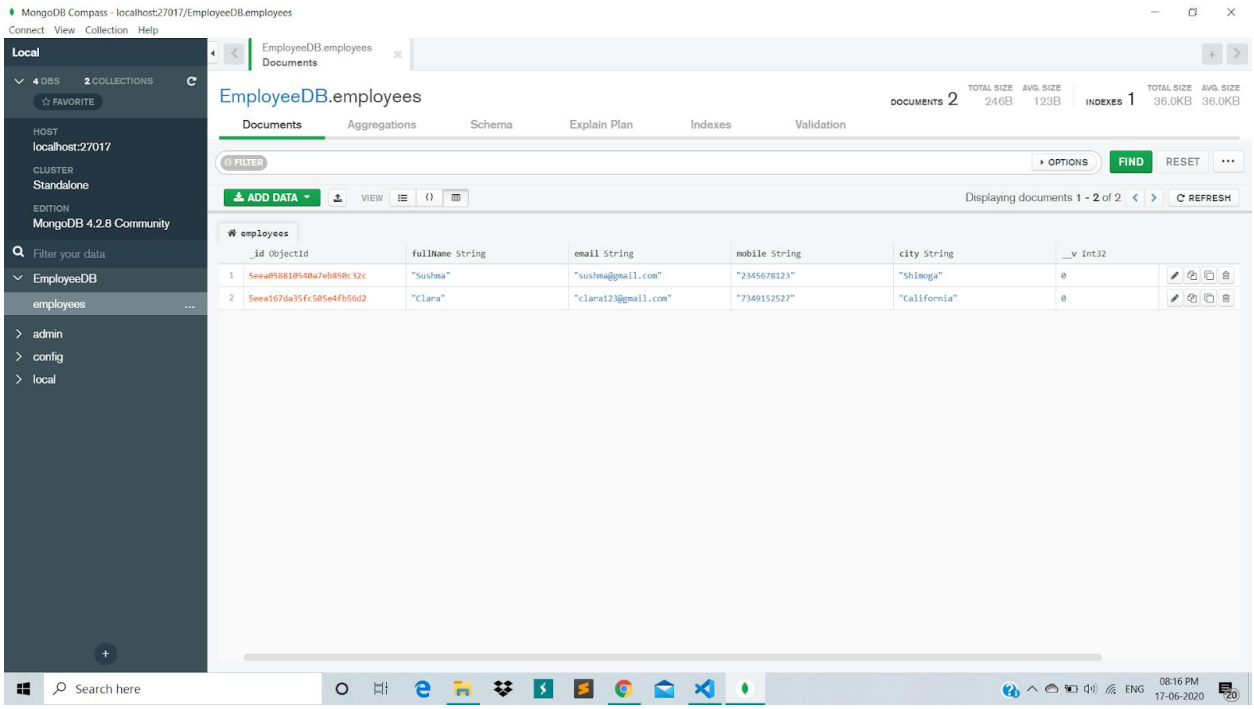

Fig 11. Database after deletion