Problem 1 : Student details

AIM:

Using mongodb store student details

PROGRAM CODE:

| Index.js | ```var express = require('express');
var app = express();
var bodyParser=require("body-parser");
const mongoose = require('mongoose');
mongoose.connect('mongodb://localhost:27017/ne');
var db=mongoose.connection;
db.on('error', console.log.bind(console, "Connection
failed!"))
app.use(express.static('public'));
app.use(bodyParser.urlencoded({
    extended: true
}));
app.set('view engine', 'ejs');
app.get('/', function(req, res) {
    res.render('index');
});
app.get('/display', function(req, res) {
  db.collection("webtest").find({}).toArray(function(err,
result) {
    if (err) throw err;
});});
app.post('/', function(req,res){
  var name = req.body.name;
  var email= req.body.email;
  var phone=req.body.phone;

  var write={"name": name,"email":email,"phone":phone}
  db.collection('webtest').insertOne(write,function(err,
collection){
    if (err) throw err;
    console.log("Inserted!");
    db.close;
});});
app.listen(8085);``` |
|----------|------|

| Index.ejs | ```html
<html>
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-
width, initial-scale=1, shrink-to-fit=no">
    <meta name="description" content="">
    <meta name="author" content="">



    <link href="css/bootstrap.min.css"
rel="stylesheet">
    <link href="css/style.css" rel="stylesheet">
    <link href="css/dashboard.css" rel="stylesheet">
    <link href="css/mdb.min.css" rel="stylesheet">
    <style>
     .j{
        padding: 200px;
     }
     body{
        background-color: royalblue;
     }

    </style>
  </head>
      <div class="container">
        <div class="j">
        <h2>enter your details here</h2>
        <form method="POST">
          <div class="form-group">
            <label for="name">Name:</label>
            <input type="text" class="form-
control" id="name" placeholder="Full name"
name="name">
          </div>

          <div class="form-group">
              <label for="email">Email:</label>
              <input type="email" class="form-
control" id="email" placeholder="Email address"
name="email">
          </div>
            <div class="form-group">
                <label for="email">Phone
number:</label>
                <input type="text"
class="form-control" id="email" placeholder="Phone
number" name="phone">
            </div>
          <button type="submit" class="btn btn-
red"onclick="javascript:alert('Submitted')">Submit</b
utton>
        </form>
        <a href="display" class="btn btn-
``` |

```
primary">Display All Entries</a>
            </div>
            </div>
            <script>window.jQuery ||
document.write('<script
src="../../assets/js/vendor/jquery-
slim.min.js"><\/script>')</script>
            <script src=".js/popper.min.js"></script>
            <script src="js/bootstrap.min.js"></script>
            <script type="text/javascript"
src="js/jquery-3.4.1.min.js"></script>
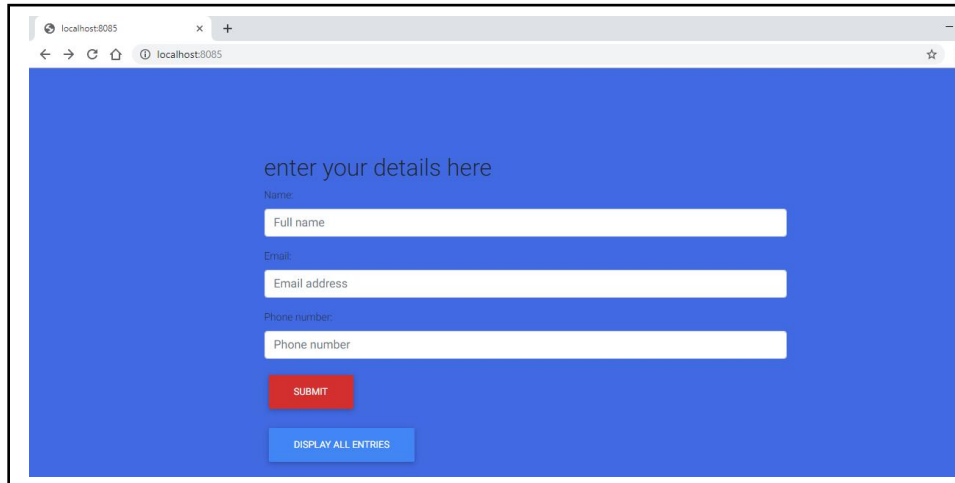            <script src="js/feather.min.js"></script>
            <script>
               feather.replace()
            </script>
      </body>
</html>
```

Display.ejs

```
<html>
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-
width, initial-scale=1, shrink-to-fit=no">
    <meta name="description" content="">
    <meta name="author" content="">

    <title>Dashboard</title>

    <!--<link href="css/bootstrap.min.css"
rel="stylesheet">
    <link href="css/style.css" rel="stylesheet">
    <link href="css/dashboard.css" rel="stylesheet">
    <link href="css/mdb.min.css" rel="stylesheet">-->
    <style>
     .a{
        padding: 200px;
     }
     body{
        background-color: blue;
     }
     h5{
        color: rgb(9, 12, 22);
     }

      </style>
  </head>
        <div class="container">
            <div class="a">
                    <h2><u>enter yor details</u></h2>
                      <table class="table">
                            <thead>
                              <tr>
                                <th
scope="col"><h5>Full Name</h5></th>
```

```
                                            <th
scope="col"><h5>Email</h5></th>

                                            <th
scope="col"><h5>Phone Number</h5></th>

                                                </tr>
                                            </thead>
                                            <tbody>

<%result.forEach(function(result) { %>
                                            <tr>
                                            <td><b><%=
result.name %></b> </td>

                                            <td><b><%=
result.email %></b></td>
                                            <td><b><%=
result.phone %></b></td>
                                        </tr>
                                        <% }); %>
                                            </tbody>
                                        </table>
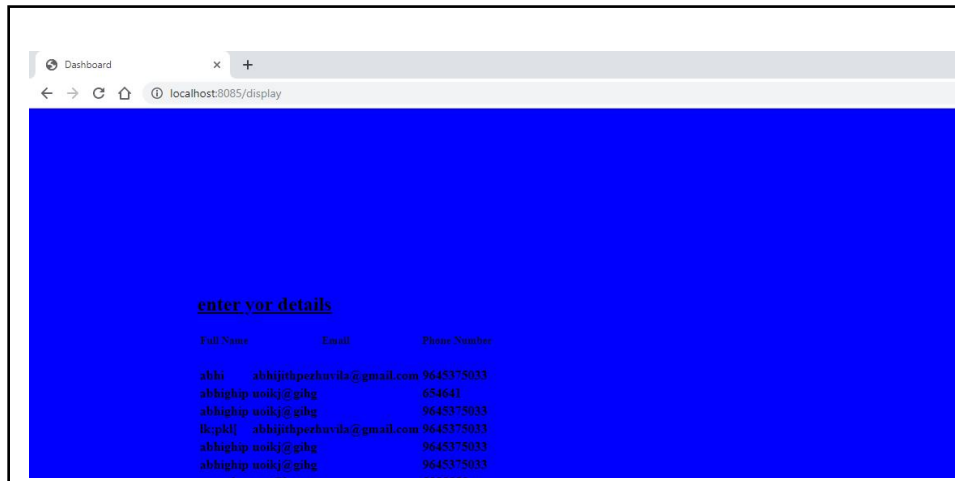                                        <a href="/" class="btn
btn-primary">Back To Home</a>
            </div>
            </div>
            <script>window.jQuery ||
document.write('<script
src="../../assets/js/vendor/jquery-
slim.min.js"><\/script>')</script>
            <script src=".js/popper.min.js"></script>
            <script src="js/bootstrap.min.js"></script>
            <script type="text/javascript"
src="js/jquery-3.4.1.min.js"></script>
            <script src="js/feather.min.js"></script>
            <script>
              feather.replace()
            </script>
    </body>
</html>
```

RESULT

Here we write the student details

Database of the student details

Figure 2:Details about the figure