

Problem 1 : Student details

AIM:

Using mongodb store student details

PROGRAM CODE:

Index.js	<pre>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);</pre>
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Index.ejs	<pre> <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- </pre>
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	<pre> primary">Display All Entries </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> </pre>
Display.ejs	<pre> <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> </pre>

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<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>

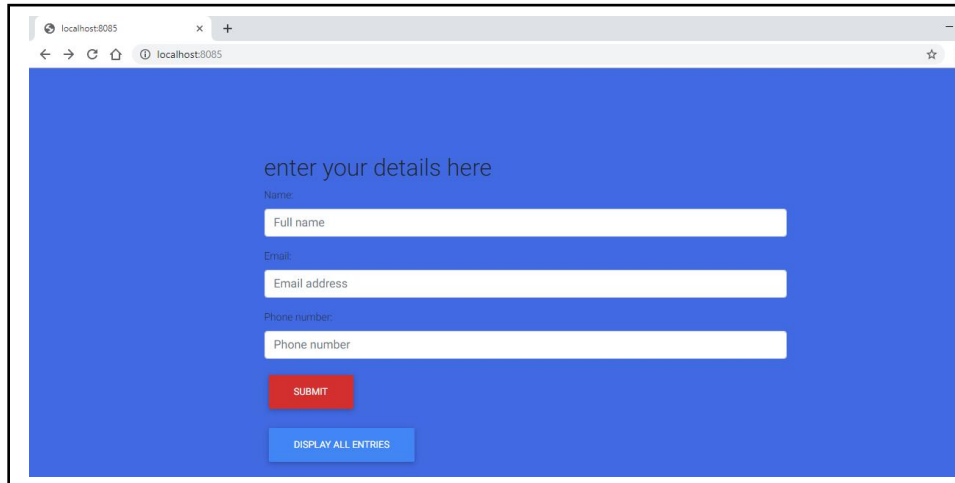
<td><b><%=
result.phone %></b></td>

</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>

```

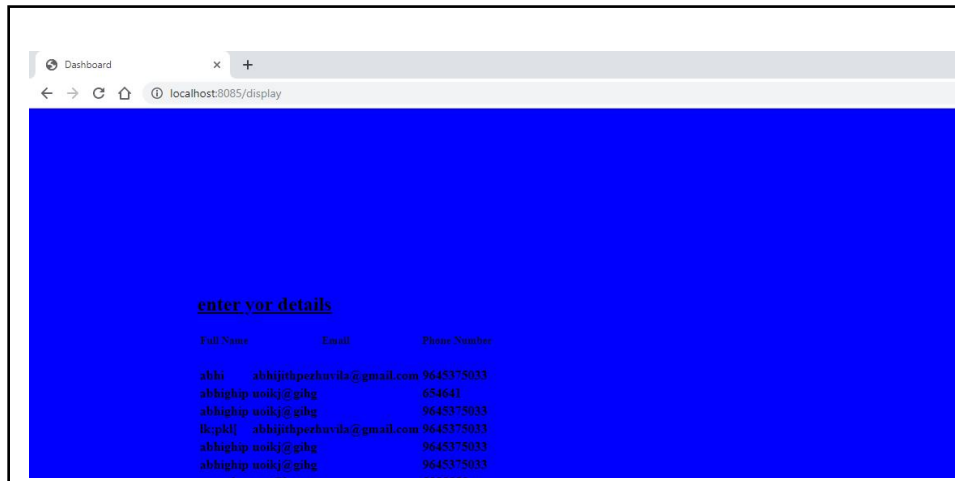
RESULT

Here we write the student details



A screenshot of a web browser window showing a form titled "enter your details here". The form has three input fields: "Full name", "Email address", and "Phone number". Below the fields are two buttons: "SUBMIT" (red) and "DISPLAY ALL ENTRIES" (blue). The browser's address bar shows "localhost:8085".

Database of the student details



A screenshot of a web browser window showing a table of student details. The table has three columns: "Full Name", "Email", and "Phone Number". The browser's address bar shows "localhost:8085/display".

Full Name	Email	Phone Number
abhi	abhijithperhuvila@gmail.com	9645375033
abhigup usukj@gbg		654641
abhigup usukj@gbg		9645375033
lc.pkl	abhijithperhuvila@gmail.com	9645375033
abhigup usukj@gbg		9645375033
abhigup usukj@gbg		9645375033

Figure 2:Details about the figure

