Signup Form Using Node.js and MongoDB

Installations

First, we need to include a few packages for our Nodejs application.

```
npm install express --save
```

Express allows us to set up middlewares to respond to HTTP Requests.

```
npm install body-parser --save
```

If you want to read HTTP POST data , you have to use the "body-parser" node module.

```
npm install mongoose --save
```

Mongoose is an object document mapping (ODM) layer which sits on the top of Node's MongoDB driver.

app.js

This is the main executable application file

| app.js | index.html | signup_success.html | style.css |

```
<!DOCTYPE html>
<html>
<head>
```

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```html
<title> Signup Form</title>


<link rel="stylesheet"
href=
"https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css"
integrity=
"sha384-BVYiiSIFeK1dGmJRAkycuHAHRg32OmUcww7on3RYdg4Va+PmSTsz/K68vbdEjh4u"
crossorigin="anonymous">


<link rel="stylesheet" type="text/css" href="style.css">


</head>
<body>


    <br>
    <br>
    <br>
    <div class="container" >
        <div class="row">
        <div class="col-md-3">


        </div>


        <div class="col-md-6 main">


            <form action="http://localhost:3000/sign_up" method="post">
            <h1> Signup form </h1>

            <input class="box" type="text" name="name" id="name"
            placeholder="Name"  required /><br>
```

```html
            <input class="box" type="email" name="email" id="email"
            placeholder="E-Mail " required /><br>

            <input class="box" type="password" name="password"
            id="password" placeholder="Password " required/><br>

            <input class="box" type="text" name="phone" id="phone"
            placeholder="Phone Number " required/><br>
                    <br>
            <input type="submit" id="submitDetails"
            name="submitDetails" value="Submit" /><br>

            </form>

        </div>


        <div class="col-md-3">
        </div>

    </div>
    </div>
</body>
</html>
```
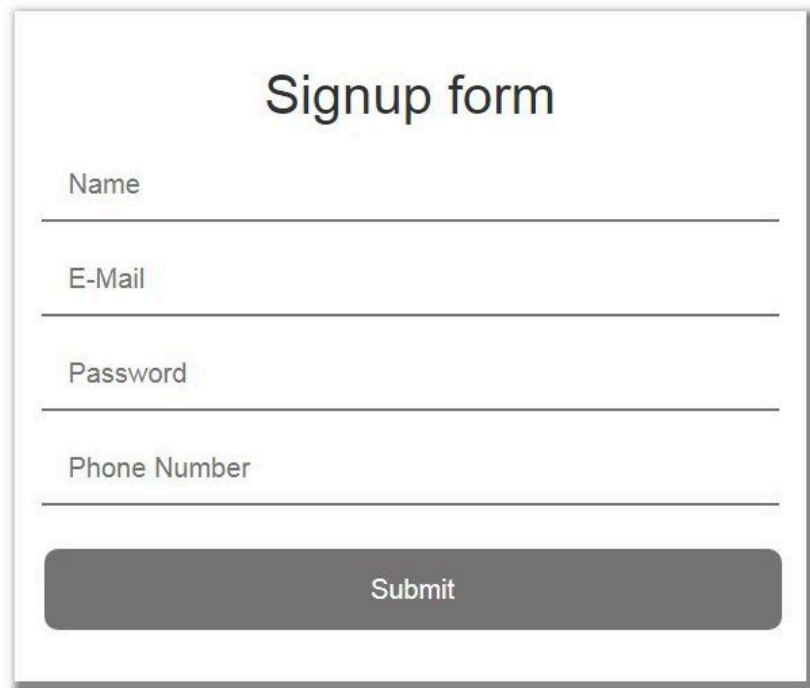
Start the MongoDB. Run app.js file

```
node app.js
```

Go to the browser and open http://127.0.0.1:3000/

Fill the above form

Signup form

David Smith

david.smith@gmail.com

••••••••

7526941368

Submit

This will add a record named "David Smith" in MongoDB. Let's have a check in MongoDB for the same record.

The record is now saved in the "gfg" database in "details" collection.

```
> db.details.find().pretty()
{
        "_id" : ObjectId("5c285b01168cea1328df523a"),
        "name" : "David Smith",
        "email" : "david.smith@gmail.com",
        "password" : "4521vfs",
        "phone" : "7526941368"
}
>
>
```

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