

## Assignment 3B

### **Index: server.js**

```
const express = require("express");
const bodyParser = require("body-parser");

const app = express();
app.use(bodyParser.urlencoded({ extended: true }));

app.use(bodyParser.json());

const UserRoute = require("./routes/User");
app.use("/user", UserRoute);

const dbConfig = require("./config/database.config.js");
const mongoose = require("mongoose");

mongoose.Promise = global.Promise;
mongoose
  .connect(dbConfig.url, {
    useNewUrlParser: true,
  })
  .then(() => {
    console.log("Database Connected Successfully!!");
  })
  .catch((err) => {
    console.log("Could not connect to the database", err);
    process.exit();
  });
app.get("/", (req, res) => {
  res.json({ message: "Hello Crud Node Express" });
});
app.listen(3000, () => {
  console.log("Server is listening on port 3000");
});
```

### **Routes: User.js**

```
const express = require("express");
const UserController = require("../controllers/User");
const router = express.Router();

router.get("/", UserController.findAll);
router.get("/:id", UserController.findOne);
router.post("/", UserController.create);
router.patch("/:id", UserController.update);
router.delete("/:id", UserController.destroy);

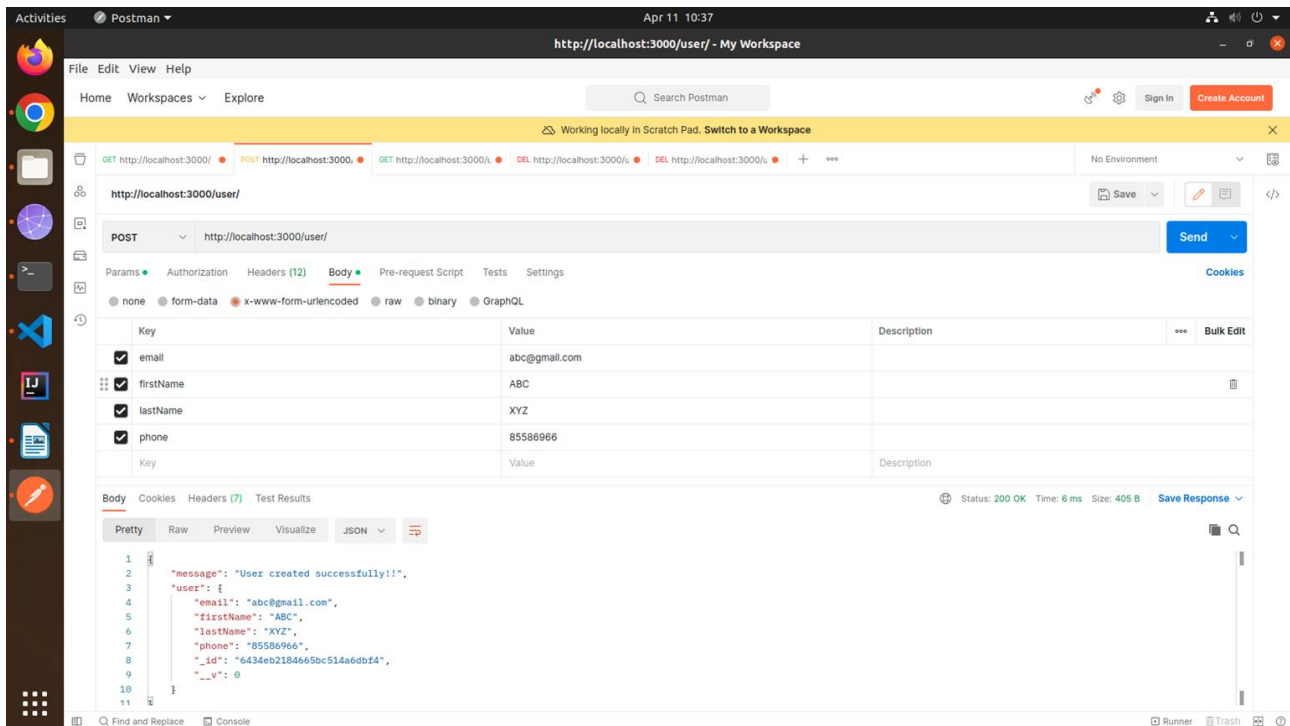
module.exports = router;
```

## Model: User.js

```
var mongoose = require("mongoose");
var schema = new mongoose.Schema({
  email: { type: String, required: true, unique: true },
  firstName: { type: String, default: "" },
  lastName: { type: String, default: "" },
  phone: String,
});
var user = new mongoose.model("User", schema);
module.exports = user;
```

## Output:

### Create User:



## Display Single User:

The screenshot shows the Postman application interface. The URL bar displays `http://localhost:3000/user/6434eb2184665bc514a6dbf4 - My Workspace`. The request method is set to **GET**. The request body is empty. The response status is **200 OK**, with a response time of **8 ms** and a size of **356 B**. The response body is displayed in the **Body** tab, showing a JSON object with the following fields:

```
{
  "_id": "6434eb2184665bc514a6dbf4",
  "email": "abc@gmail.com",
  "firstName": "ABC",
  "lastName": "XYZ",
  "phone": "85586966",
  "password": "12345678"
}
```

## Update User:

The screenshot shows the Postman application interface. The URL bar displays `http://localhost:3000/user/6434eb2184665bc514a6dbf4 - My Workspace`. The request method is set to **PATCH**. The request body is set to **x-www-form-urlencoded** and contains the following data:

Key	Value	Description
phone	88955	

The response status is **200 OK**, with a response time of **10 ms** and a size of **275 B**. The response body is displayed in the **Body** tab, showing a JSON object with the following field:

```
{
  "message": "User updated successfully."
}
```

# Delete User:

