

Subject code & Name	: CS381 & Full Stack Development	Practical	: 9	Academic Year	: 2022-2023
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## Practical – 9

### Aim

Perform Create, Read, Update and Delete Operations using Node.js, Express server and Mongo DB. Use React Framework for developing your user interface.

Use Rest APIs, CORS for client-server communication.

### Code Link (GitHub Links)

Practical- Git-hub Link : [https://github.com/rth1-618/stacking-up/tree/main/pr%209/CRUD\\_Application\\_Node](https://github.com/rth1-618/stacking-up/tree/main/pr%209/CRUD_Application_Node)

- server: [https://github.com/rth1-618/stacking-up/tree/main/pr%209/CRUD\\_Application\\_Node/server](https://github.com/rth1-618/stacking-up/tree/main/pr%209/CRUD_Application_Node/server)
- view: [https://github.com/rth1-618/stacking-up/tree/main/pr%209/CRUD\\_Application\\_Node/views](https://github.com/rth1-618/stacking-up/tree/main/pr%209/CRUD_Application_Node/views)

### Output

← localhost:3000/add-user

<< All Users

### New User

Use the below form to create a new account

Name  
Parth Tandel

Email  
abc@g.com

Gender ☒ Male ☐ Female

Status ☐ Active ☒ Inactive

Save

### Add User ejs

← localhost:3000/add-user

<< All Users

### New User

Use the below form to create a new account

localhost:3000 says  
Data Inserted Successfully!

OK

### Alert: Success Message

The image displays two screenshots. The top screenshot shows a web application titled "User Management System" running on localhost:3000. It features a "New User" button and a table with user data:

ID	Name	@Email	Gender	Status	Action
1	Parth Tandel	abc@g.com	Male	Inactive	<a href="#">Edit</a> <a href="#">Delete</a>
2	Judith	jude.it@gmail.com	Female	Inactive	<a href="#">Edit</a> <a href="#">Delete</a>

The bottom screenshot shows the MongoDB Atlas interface for the "test.userdb" database. The left sidebar lists navigation options: DEPLOYMENT, Database (selected), DATA SERVICES, and SECURITY. The main panel shows the database details, including storage size (36KB), logical data size (229B), total documents (2), and indexes total size (72KB). The "Find" tab is active, displaying a list of documents with fields like \_id, name, email, gender, status, and \_\_v. The system status is "All Good".