| | Marwadi University |
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| | Faculty of Technology |
| | Department of Information and Communication Technology |
| Subject: AWT (01CT1625) | Aim: Database: using MongoDB, NodeJS and ReactJS, build a project to fetch and post data from frontend to database. |
| Experiment No: 13 | Date: | Enrollment No: 92200133005 |

**AIM: Database: using MongoDB, NodeJS and ReactJS, build a project to fetch and post data from frontend to database.**

**CODE:**

```
import React, { useState } from 'react';

import axios from 'axios';

const TaskForm = ({ onTaskAdded }) => {

 const [title, setTitle] = useState('');

 const [description, setDescription] = useState('');

 const handleSubmit = async (e) => {

  e.preventDefault();

  if (!title.trim()) {

    alert('Please enter a task title');

    return;}

  try {

   const response = await axios.post('http://localhost:5000/api/tasks', {

     title,

     description});

   onTaskAdded(response.data);

   setTitle('');

   setDescription('');

  } catch (error) {

   console.error('Error adding task:', error); }};

 return (

    Title

    <input
```

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```
        type="text"

        id="title"

        value={title}

        onChange={(e) => setTitle(e.target.value)}

        placeholder="Enter task title"/>

      Description (optional)

      <textarea

       id="description"

       value={description}

       onChange={(e) => setDescription(e.target.value)}

       placeholder="Enter task description"/>

    Add Task);};

export default TaskForm;

const mongoose = require('mongoose');

const connectDB = async () => {

 try {

   const conn = await mongoose.connect(process.env.MONGO_URI || 'mongodb://localhost:27017/taskmanager', {

     useNewUrlParser: true,

     useUnifiedTopology: true

   });

   console.log(`MongoDB Connected: ${conn.connection.host}`);

 } catch (error) {

 console.error(`Error: ${error.message}`);

 process.exit(1); }};
```

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module.exports = connectDB;

## OUTPUT: