Reporting No:1 Week No:1 From :15/05/2024 To :17/05/2024 College ID: 22IT116

Project Title: Authentication of Login page

**WEEKLY REPORT**

**Work done in last week ( Attach supporting Documents):**

15/05/2024 Wednesday

|  |  |
| --- | --- |
| 9:30 – 11:30 | Introduction to the MEAN stack, its components, and setup |
| 12:00– 2:30 | Installing and setting up MongoDB, and understanding its basics |
| 3:00– 5:00 | Creating a simple MongoDB database and performing CRUD operations |

16/05/2024 Thursday

|  |  |
| --- | --- |
| 9:30 – 11:30 | Introduction to Node.js and its environment |
| 12:00– 2:30 | Learning the basics of Express.js and setting up a server |
| 3:00– 5:00 | Building a RESTful API with Express.js and MongoDB |

17/05/2024 Friday

|  |  |
| --- | --- |
| 9:30 – 11:30 | Advanced Node.js concepts: asynchronous programming, event loop |
| 12:00– 2:30 | Middleware in Express.js for error handling and logging |
| 3:00– 5:00 | Implementing user authentication with JWT in the MEAN stackExpress.js and MongoDB |

**Reason for incomplete work:**

1.

**Plans for next week:**

1. To learn Mongoose and MongoDB integration and MongoDB schema and Models
2. Advanced MongoDB concepts: indexing, aggregation, and performance optimization

**References:**

1. YouTube Channel : [Thapa Technical](https://www.youtube.com/@ThapaTechnical)

**Signature of External Guide Signature of Internal Guide**

Student Id: 22IT116

Student Name: TRUSHANGKUMAR SUMANBHAI PATEL