



Gujarat Technological University

(Established under Gujarat Act No. 20 of 2007)

ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી
(ગુજરાત અધિનિયમ ક્રમાંક ૨૦/૨૦૦૭ દ્વારા સ્થાપિત)

Annexure 9

Enrollment no: 190130107076

Student's Weekly Record of Internship

Name of student: Parmar Dixit

Diary of the week: From 20 - 03 - 2023 To 25 - 03 - 2023

Department: Computer Science and Engineering

Name of the Organization: LaNet Team Software Solutions Pvt Ltd

Name of the Department: _____

Name of office In Charge of the Department: _____

Description of Work Done in Brief (Week Log)

Week - 09: NodeJs

Date	Day	Description of work
20-03-2023	Monday	Using MongoDB with Mongoose, Created REST API from scratch, Store API data in database mongoose, Understand Filtration and searching functionality.
21-03-2023	Tuesday	Implement Filtration and Searching functionality in project, Understand Advance search functionality and Sorting functionality, Adding and understanding pagination in project.
22-03-2023	Wednesday	Implemented different Query Methods such as limit, where, expect, sort, select and skip, Implemented Pagination using this

		queries to the Natours API
23-03-2023	Thursday	Implemented Aggregation Pipeline Method such as Matching , Grouping , Unwinding , Projecting etc., Virtual Properties in Mongoose Model, Document Middleware in Mongoose Model
24-03-2023	Friday	Query Middleware in Mongoose Model, Aggregation Middleware in Mongoose Model, Data Validation using build-in validators, Data Validation using custom validators
25-03-2023	Saturday	Debugging Node.js with ndb, Handling Unhandled Routes, Implementing a Global Error Handling Middleware, Catching Errors in Async Functions

Total Hours worked in Week: 48 Hours

Signature of Student

**The above entries are correct and the grading of work done
by Trainee is**

**EXCELLENT / VERY GOOD / GOOD / FAIR / BELOW AVERAGE /
POOR**

Signature of Internal Guide

Signature of External Guide

Date:

Date:

Note: Grading of Work, for trainee may be given depending upon your judgement about his Punctuality, Regularity, Sincerity, Interest taken, Work done etc.



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Annexure 10

Enrollment no: 190130107076

Student's Weekly Record of Internship

Name of student: Parmar Dixit

Diary of the week: From 27 - 03 - 2023 To 01 - 04 - 2023

Department: Computer Science and Engineering

Name of the Organization: LaNet Team Software Solutions Pvt Ltd

Name of the Department: _____

Name of office In Charge of the Department: _____

Description of Work Done in Brief (Week Log)

Week - 10: Nodejs

Date	Day	Description of work
27-03-2023	Monday	Handling Invalid Database IDs and Duplicate Database Fields, Modelling Users Schema in Natours API, Creating New Users, Managing Passwords
28-03-2023	Tuesday	Implementing Bcryptjs to encrypt the password, Implemented Authentication using JWT, Signing up Users, Logging Users, Protecting Tour Routes
29-03-2023	Wednesday	Advanced Postman setup, Authorization of User based Roles and Permissions, Password Reset Functionality and Reset Token, Sending Emails Using Nodemailer
30-03-2023	Thursday	Updating Password, Updating User Data,

		Deleting Current User, Sending JWT via Cookie, Implementing Rate Limiting, Setting Security HTTP Headers
31-03-2023	Friday	Data Sanitization, Preventing Parameter Pollution, Created Review Model , Modelling Tour Guides Embedding and child referencing, Populating Tour Guides
01-04-2023	Saturday	Modelling Reviews Parent Referencing, Populating Reviews, Virtual Populate, Nested Routes, Building Handler Factory Functions, Calculating Average Rating on Tours

Total Hours worked in Week: 48 Hours

Signature of Student

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Annexure 11

Enrollment no: 190130107076

Student's Weekly Record of Internship

Name of student: Parmar Dixit

Diary of the week: From 03 - 04 - 2023 To 08 - 04 - 2023

Department: Computer Science and Engineering

Name of the Organization: LaNet Team Software Solutions Pvt Ltd

Name of the Department: _____

Name of office In Charge of the Department: _____

Description of Work Done in Brief (Week Log)

Week - 11: NodeJs

Date	Day	Description of work
03-04-2023	Monday	Preventing Duplicate Reviews, Geospatial Queries - Finding Tours Within Radius, Calculating Distances, Creating API Documentation Using Postman
04-04-2023	Tuesday	Setting up Pug in Express, Creating Base Template, Including Files into Pug Templates, Extending Base Template with Blocks
05-04-2023	Wednesday	Building Tour Overview Page, Building Single Tour Page, Including a Map with Mapbox, Building the Login Screen
06-04-2023	Thursday	Logging in Users, Logging out Users, Rendering Error pages, Building the User Account Page,

		Updating user data, Updating user password
07-04-2023	Friday	Image Uploads using Multer, Configuring Multer, Saving Images to Database
08-04-2023	Saturday	Buidling an Complex Email Handler, Email Template with Pug, Sending Email for Password Reset

Total Hours worked in Week: 48 Hours

Signature of Student

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Annexure 12

Enrollment no: 190130107076

Student's Weekly Record of Internship

Name of student: Parmar Dixit

Diary of the week: From 10 - 04 - 2023 To 15 - 04 - 2023

Department: Computer Science and Engineering

Name of the Organization: LaNet Team Software Solutions Pvt Ltd

Name of the Department: _____

Name of office In Charge of the Department: _____

Description of Work Done in Brief (Week Log)

Week - 12: NestJs

Date	Day	Description of work
10-04-2023	Monday	Introduction to NestJs, Task Management API, NestJs module structure, Creating Tasks Module, Creating Tasks Controller, Creating Tasks Service
11-04-2023	Tuesday	Implemented get all tasks functionality, Implemented create a task functionality, Introduction to Data Transfer Objects (DTO), Implemented CreateTaskDto
12-04-2023	Wednesday	Implemented Getting Task by ID, Implemented Deleting Task By ID, Implemented Updating Status By ID, Added Searching and Filtering feature, Understood different types of pipelines in NestJs

13-04-2023	Thursday	Implemented Validation Pipe while creating a task, Error Handling, Validating the Update Task Status, Validation of Task filtering and search, Intro to Persistence.
14-04-2023	Friday	Running the PostgreSQL image in Docker, Setting up pgAdmin for Ubuntu, Creating a new Database using pgAdmin, Intro to TypeORM
15-04-2023	Saturday	Establishing Database Connection, Created a Task Entity, Active Record Pattern vs Data Mapper Pattern, Created Tasks Repository

Total Hours worked in Week: 48 Hours

Signature of Student

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