



# GUJARAT TECHNOLOGICAL UNIVERSITY

(Established under Gujarat Act No. 20 of 2007)

ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી

(ગુજરાત અધિનિયમ ક્રમાંક: ૨૦/૨૦૦૭ દ્વારા સ્થાપિત)

Annexure 1

Enrollment no:  
200170116025

## STUDENT'S WEEKLY RECORD OF INTERNSHIP

NAME OF STUDENT: Umang Mistry

DIARY OF THE WEEK: Dt: 18 March 2024 TO 23 March 2024

DEPARTMENT: IT SEM: 8

NAME OF THE ORGANISATION: Codal Inc.

NAME OF THE PLANT/SECTION/DEPARTMENT: \_\_\_\_\_

NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT: Arpit Patel

### DESCRIPTION OF THE WORK DONE IN BRIEF

Day 1: Started investigating and resolving issue JW5-166 related to paginated table navigation sequence.

Day 2: Initiated learning Bookshelf ORM with TypeScript to enhance database interactions.

Day 3: Worked on validation tasks and explored the simple-react-validator module for form validation.

Day 4: Continued addressing issue JW5-166, refining the solution for paginated table navigation.

Day 5: Delved deeper into Bookshelf ORM implementation and applied TypeScript concepts for database integration



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TOTAL HOURS: 40 Hours

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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 Faculty Mentor

Signature of officer-in-charge  
of Dept. / Section / Plant

A.B. Patel

Date:

Date:

★ 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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**SUPPLEMENTRY NOTES**

(add additional sheets if required)

**Summary:**

During Week 12, I focused on resolving issue JW5-166 related to paginated table navigation in our project. I also began learning Bookshelf ORM with TypeScript to improve database interactions. Additionally, I worked on implementing form validation using the simple-react-validator module for enhanced data validation. Throughout the week, I made progress in addressing the navigation issue and deepened my understanding of TypeScript-based ORM integration, contributing to project optimization and skill development 11, I was introduced to DBMS basics, ER and relational data models, normalization principles, and indexing types. I delved into relational model concepts, SQL basics (including data types and constraints), and advanced SQL topics like joins and transactions. The week concluded with practical SQL query exercises and comprehensive concept reviews to reinforce learning



