GUJARAT TECHNOLOGICAL UNIVERSITY
(Established under Gujarat Act No. 20 of 2007)
ગુજરાતટેકનોલોજીકલ યુનિવર્સિટી
(ગુજરાત અધિનિયમ ક્રમાંકઃ ૨૦/૨૦૦૭ દ્વારા સ્થાપિત)

STUDENT'S WEEKLY RECORD OF INTERNSHIP

NAME OF STUDENT: Umang Mistry

DIARY OF THE WEEK: Dt: 19 Feb 2024 TO 17 Feb 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: Introduced Redux and Redux Toolkit for state management in React applications. I learned to set up Redux stores, define actions, and create reducers for managing application state.

Day 2: Started implementing Redux into the E-commerce project, utilizing Redux Toolkit for streamlined setup and configuration. Began creating slices to store product data and initialize the cart state.

Day 3: Continued work on integrating Redux into the project, focusing on implementing reducers and actions to add products to the cart and manage cart state changes.

Day 4: Explored advanced Redux concepts and multiple implementation approaches, experimenting with different strategies for optimizing performance and code organization within the E-commerce project.

Day 5: Finalized the integration of Redux into the E-commerce project, further refining reducers and actions to include additional functionality such as filtering processes.

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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

Date:

Date:

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

SUPPLEMENTRY NOTES
(add additional sheets if required)

Summary:
This week, I learned about Redux and Redux Toolkit for managing state in React apps. I set up Redux stores, defined actions, and created reducers. In my E-commerce project, I integrated Redux to handle product data and cart state. I explored advanced Redux concepts, experimented with optimization strategies, and finalized the integration to enhance functionality like product filtering. Overall, it was a valuable learning experience in simplifying state management in React apps.