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

Annexure 1

Enrollment no: 200420107037

STUDENT'S WEEKLY RECORD OF INTERNSHIP

NAME OF STUDENT: Ricky Vashi

DIARY OF THE WEEK: Dt: _____ **TO** _____

DEPARTMENT: Computer Engineering   **SEM:** 8th

NAME OF THE ORGANISATION: Digitattva Technolabs

NAME OF THE PLANT/SECTION/DEPARTMENT: IT Department

NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT: Naitik Shah

DESCRIPTION OF THE WORK DONE IN BRIEF

1. **Vue.js Advanced Features:**
   - Learn about Vue.js slots for flexible content distribution and Vue.js dynamic components for dynamic component rendering.
   - Understand Vue.js teleport for moving components to different DOM locations and Vue.js component lifecycle methods for managing component behavior.
2. **Vue.js Routing and API Integration:**
   - Explore Vue.js static and dynamic routing for single-page application navigation.
   - Learn how to integrate Vue.js with API methods for fetching and displaying data from a server.
   - Set up a JSON-server to create a fake server for testing API integration in Vue.js applications.
3. **Advanced UI Techniques:**
   - Implement infinite scrolling using the Intersection Observer API for efficient data loading.
   - Learn about mixins in Vue.js for code reusability and encapsulation.
   - Explore VueMultiSelect for creating versatile and customizable multi-select components.
4. **State Management with Vuex:**
   - Introduction to Vuex for centralized state management in Vue.js applications.
   - Set up a basic Vuex store and understand its core concepts such as state, mutations, actions, and getters.
5. **Practical Application Task:**
   - **Task: Implement Infinite Scrolling:**
     - Create a Vue.js application with infinite scrolling functionality using the Intersection Observer API.
     - Fetch and display data from a JSON-server using API methods and Vuex store for state management.

TOTAL HOURS: 48 _____

_____
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.**