

Weekly Progress Report

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Domain: Full Stack Development

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Week Ending:01

I: Overview:

This week, the primary focus was on understanding UniConverge Technologies Pvt Ltd, the company providing the internship project, as well as exploring the problem statements provided. I selected the project titled "Online Food Delivery website" which involves creating a platform where customers can order food from various restaurants, and restaurants can manage their menus, orders, and delivery processes.

II: Achievements:

1. Company and Project Familiarization:

Researched and understood the key components of the online food delivery project, including customer sign-up, restaurant onboarding, menu management, order processing, and payment gateway integration.

2. Project Selection - Online Food Delivery:

Analyzed the problem statement to identify essential features such as:

- Customer sign-up and login
- Menu creation and pricing
- Order placement and tracking
- Secure payment processing

3. Technology Exploration:

Identified necessary technologies for the project, including Full Stack Development frameworks, database management systems, and payment gateway APIs.

III. Learning Resources:

1. UniConverge Technologies Domain Resources:

- Reviewed company-provided resources and project documentation to align with the company's standards and practices.
- Engaged with online tutorials and documentation related to payment gateway integration and multi-tenant web application design.

2. Technical Skill Enhancement:

- Participated in online courses related to Full Stack Web Development and Secure Payment Processing.
- Explored forums and communities for practical insights and troubleshooting advice.

IV. Next Week's Goals:

1. Project Planning and Technology Setup:

- Finalize the technology stack and set up the initial development environment for the Online Food Delivery website.
- Begin work on the foundational aspects of the project, including Customer Sign up, Login and database setup.

2. Feature Development - Merchant and Customer Modules:

- Start developing the customer modules, including sign-up, profile creation.
- Investigate best practices for secure and efficient payment gateway integration.