

Fidalix Ltd

Internship Plan for Bruno Shema

Project Title: Development of a Delivery Service Website

Internship Duration: 4 Weeks

Supervisor: Ir Jean de Dieu Nizeyimana / Irene Munyaneza

Tools: MySQL, JavaScript, HTML/CSS, optional PHP or Node.js

Database: Local MySQL

Objective:

Design and implement a basic delivery service website with customer ordering and delivery status tracking, using a local MySQL database and JavaScript for interactivity.

WEEK 1: Planning, Design & Database Setup

- **Understand the project scope**
 - Research existing delivery platforms
 - Define system features:
 - User registration/login
 - Product listing
 - Placing orders
 - **Order status tracking**
- Design **UI wireframes**
- Design **ERD** and create MySQL schema:
 - Users
 - Orders
 - Products
 - Deliveries
- Set up local development environment

Deliverables:

- Project plan
- UI mockups
- Database schema
- Functional MySQL database with sample data

WEEK 2: Frontend Development with JavaScript

- Create responsive web pages:

- Home
- Login/Register
- Order form
- Track Order
- Use JavaScript to:
 - Validate forms
 - Display dynamic content (e.g., delivery updates)
- Use CSS or frameworks like Bootstrap/Tailwind for styling

Deliverables:

- Functional UI with JavaScript validation
- Working navigation between pages

WEEK 3: Backend Integration & Functionality

- Implement backend (PHP, Python Flask, or Node.js)
- Connect to MySQL database:
 - Save users
 - Place orders
 - Update and fetch delivery status
- Implement basic authentication (session or token-based)
- JavaScript fetch/AJAX calls to backend

Deliverables:

- Frontend/backend integration complete
 - Orders stored and retrieved from MySQL
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WEEK 4: Testing, Finalization & Presentation

- Perform functional testing
- Fix bugs and polish the UI
- Write project documentation:
 - System overview
 - How to run locally
- Prepare and deliver final presentation

Deliverables:

- Fully working project
- Documentation (PDF or Word)
- Internship presentation