

# Proposition to Internship project

## Overview:

I truly appreciate the opportunity to choose my internship project. I see this as a valuable challenge where I can align my personal goals with your company's objectives. After careful research and consideration, I propose developing an e-commerce web application as my project.

The reason behind my choice is that your company offers a service for creating web applications for your customers. I believe I can leverage my acquired skills to initiate a separate project aligned with the company's goals. I am prepared to work under your guidance to develop this web application. Alternatively, I am open to contributing to an existing web project within the company if feasible, and I am eager to take on assigned tasks.

## The project Idea:

The project I try to develop will consider being a medium-scale e-commerce web application with features that every e-commerce web app should include. The target audience for the e-commerce web application will be individuals who work on e-commerce and pay about 300 Dh every month as rent for their online store on Shopify and similar store applications. I will propose some features dependent on my knowledge and skills and I am listening to your advice about what should be implemented, and what should not and how to implement it.

## Application features:

- Responsive Design:  
Ensuring better user experience across various devices by adapting to different screen sizes and resolutions.
- User-Friendly Navigation:  
Smooth navigation system to help users easily explore and find desired products and information.
- Footer Navigation:  
Access to important links and information located at the bottom of the website.
- Return Policy:  
Template guidelines outlining the process for returning or exchanging purchased items.

- Store finder:  
Locating physical store locations.
- Admin Authentication:  
Secure access control for administrators.
- Order Management:  
Efficient handling of orders processing and tracking.
- Security Features:  
Implementation of security measures to safeguard user data and transactions.
- Social Media Integration:  
Implementation of robust security measures to safeguard user data and transactions.
- Customer Support:  
Provide assistance and support services for customers.
- Wishlist:  
Adding functionalities help customers to save their chosen item for future purchase.
- Shopping Cart:  
Virtual cart system for customers to collect and manage selected items before purchase.
- Product Listings:  
Provide functionalities for listing and display details of available products.
- Product Search:  
Help users to search and find their desired product.
- Product Filtering and Sorting:  
Provide functionalities for filtering and sorting displayed products according to specific criteria.
- User Reviews and Ratings:  
Provide a section where customers can write their feedback and rate products and services.
- language options:  
Support multiple languages.
- FAQ:  
Provide a section where visitors can find answers for common questions.
- Contact:  
Easy access to contact information for customers.

## *Tech Stack Suggestions:*

I have carefully selected this tech stack based on my skills and understanding of the project needs. However, I am fully open to your feedback and willing to adapt to your preferences.

Client-side:

- HTML
- CSS
- Javascript
- React

#### Server-side:

- PHP
- Laravel

#### Database:

- PostgreSQL
- Laravel Eloquent ORM

#### API:

- Rest API
- Axios

#### Containerization:

- Docker

#### Web server:

- Nginx

### *Project Architecture:*

For the project architecture, I propose a client-server-database architecture, specifically a multi page application. This structure will consist of three interconnected components:

- User Interface: Responsible for handling customer interactions.
- Server: Manages business logic and customer interactions.
- Database: Stores application data.

This architecture ensures a robust and scalable foundation for the e-commerce application, facilitating smooth operation and efficient management of data and user interactions.

### *Proposition Open for Discussion:*

I propose developing an e-commerce application, and I welcome your guidance. I am thrilled to adapt it to fit your specific needs and vision. This project provides an exciting opportunity for me to apply my skills, learn from your expertise, and contribute meaningfully to your company. I am open to your feedback and suggestions to ensure the project aligns perfectly with your goals.