|  |  |
| --- | --- |
| **Name** | Basmala Ahmed Mahdi |
| **Task** | Unit\_25 (Task #2) |
| **School** | WE El-Mansoura |
| **Deadline** | 2 February 2025 |

**Introduction:**

This is a full web-based application for Dern-Support, an IT technical support company. The system is developed using SQL for database management, Laravel for backend, and React for frontend interface. The website has basic features like product listings, user authentication, and company information to optimize business operations and customer satisfaction.

**Programming Language:**

**Used SQL, PHP, HTML, CSS, JS & Frameworks: Laravel - React**  
  
**SQL:** To store database.

**Laravel:** Backend.

**React:** Frontend.

**Backend Files: Frontend Files:**

**A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated**

**Diagram of Website:**

**Home Section:**

**A computer chip with text on it

Description automatically generated**

**Contain a:**

* **Brand: Name of website (DERNSUPPORT).**
* **Links: Home page, Products page, About us page.**
* **Button: “Logout” Logout from website.**

**Our Products section:**

**A screenshot of a computer

Description automatically generated**

* **Contain some products that at website:**
* **Title of product.**
* **Description of product**
* **Price of product.**
* **Button to display product details.**

**Features section:**

**A screenshot of a computer

Description automatically generated**

* **Contain the features of company.**

**Why choose us section:**

**A screenshot of a computer

Description automatically generated**

* **Contain a advantages of company.**

**Footer section:**

**A screen shot of a computer

Description automatically generated**

* **Contain:**
* **Pages at website.**
* **Contact information.**
* **Social Media Links.**

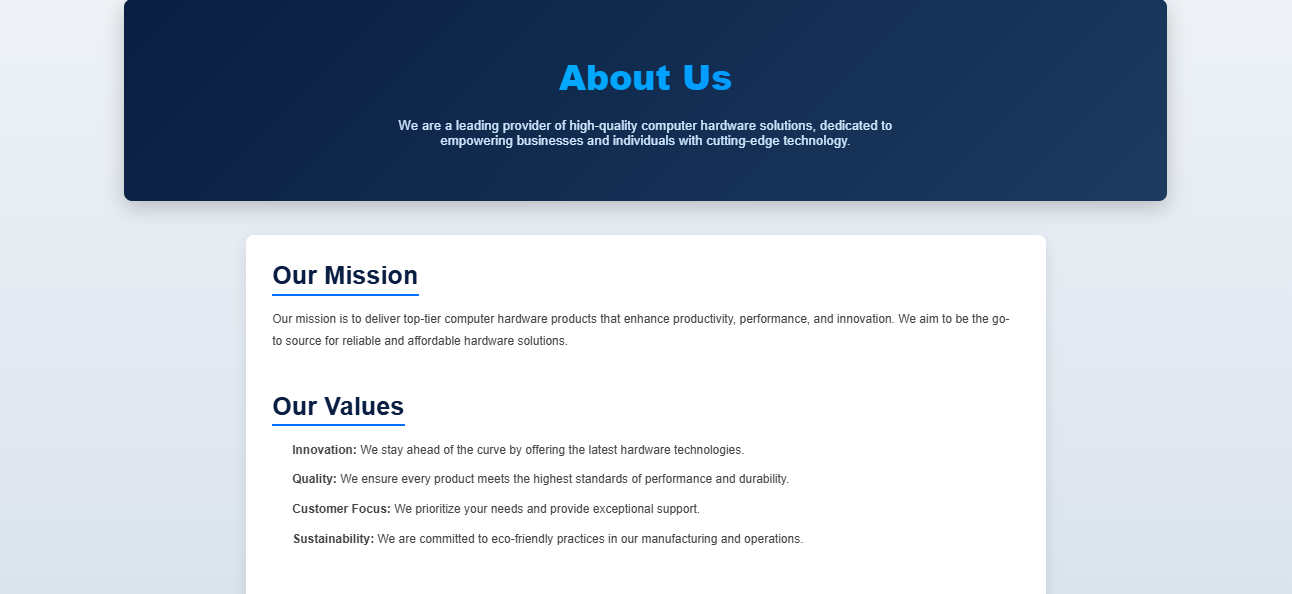
**Products Page:**

**A screenshot of a computer

Description automatically generated**

* **Contain:**
* **Input and button Search to search about product.**
* **All Product and Button Detail of Product.**

**About Page:**

****

* **Contain a information about company.**

**Login Page:**

**A login page on a computer chip

Description automatically generated**

* **Contain:**
* **Email & Password input to enter your email & Password.**
* **Login button to login to website.**
* **Sign-up link to go Register page if user not have an account.**

**Register page:**

**A screenshot of a computer login form

Description automatically generated**

* **Contain:**
* **Username input.**
* **Email input.**
* **Password “At least 8 characters”.**
* **Confirm Password “Match the Password”.**
* **Login link if user already have account.**

**Testing:**

After Solving Errors, The Program work well.

**Feedback (Classmate):**

Professional program as it contains all requirements.

**Conclusion:**

The completed web application well serves the needs of Dern-Support through having a user-friendly interface, secure login, and efficient product management. The solution has been refined to ensure reliability and performance through test and feedback. Enhancements in the future can include additional features and optimizations to enhance user experience further.