**@doorz – A Multi-Vendor Website**

By

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All praise to ALMIGHTY ALLAH, the most merciful and the most compassionate and his

Holy Prophet MUHAMMAD (Peace Be Upon Him) the most perfect and exalted among,

who is, Forever the torch of guidance and knowledge for the humanity as a whole.

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**Dedication**

This project is dedicated to our families, whose support and patience have been our strength. We also dedicate this work to all the budding entrepreneurs and small business owners who inspire us to create better digital solutions.

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# **Chapter No 1: Introduction to the Problem**

## **1.1 Introduction**

In the rapidly evolving digital marketplace, @doorz has emerged as a visionary multi-vendor e-commerce platform, poised to redefine the paradigm of online shopping. This project aims to create a customer-centric and vendor-friendly environment that stimulates the growth of Small and Medium Enterprises (SMEs) and provides customers with a diverse and inclusive shopping experience.

* 1. **Background**

@doorz addresses the challenges faced by small-scale vendors in expanding their online presence and reaching a wider customer base. By leveraging the robust capabilities of the MERN stack and Redux, the platform is designed to be intuitive, responsive, and scalable, ensuring seamless transactions and operational excellence.

* 1. **Purpose**

The purpose of this project is to design and develop a multi-vendor e-commerce platform using the MERN stack (MongoDB, Express.js, React, and Node.js) with Redux for state management. The platform aims to provide a comprehensive online marketplace that enables multiple vendors to sell their products under one digital roof.

* 1. **Scope**

This project will deliver a unified platform for various vendors to sell their products and consumers to access a diverse market under one digital roof. The project focuses on creating a user-friendly interface, secure transaction processing, and back-end analytics to support vendors and enhance the shopping experience for customers.

* 1. **Objective**

To build a multi-vendor e-commerce website using the MERN stack, increasing market reach and operational efficiency. It will offer a platform for vendors to connect with consumers, improving the sales process through effective technology, and ensuring customer satisfaction through reliable and innovative service.