

BuildMart

(Your One-Stop Shop for Construction Materials)

Business Requirement Specification

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1. Introduction

1.1 Document Purpose

This document communicates the business requirements and scope for developing BuildMart (ecommerce for construction materials) System. The scope of this document is to define the functional and non-functional requirements, business rules and other constraints requirements.

1.2 Project Background

There is no computerized system for the vendors and service providers to sell their construction materials and provide services. The traditional system of purchasing construction equipment has certain limitations or faults compared to e-commerce.

Here are some common faults associated with the traditional system:

- Limited Access
- Limited Product Information
- Lack of Price Transparency
- Inconvenience for Comparison Shopping

1.3 Goals of the project

To develop and deploy a comprehensive e-commerce platform for construction materials that caters to the needs of Individual customers, construction material vendor, and service providers, creating a thriving marketplace that facilitates seamless interactions and transactions within the construction industry.

To solve the problems in traditional system and provide all the services at one place so that customer can easily avail the services

1.4 Customers and Stakeholders

Customers :

- Construction material vendors who want to sell their materials.
- Construction related work service providers who want to provide their services.
- Individual customers want to buy the materials and services.
- Construction companies want to buy materials and services in large scale.

Stakeholders :

- Individual Customers
- Construction Community
- Construction material vendors
- Construction workers Organization

- Traditional Retailers and Physical Stores
- Transportation service providers

2. Business Requirements Overview

- BuildMart System is the public web application.
- BuildMart System will be opened to the global, but in the phase 1, the main target is in the India.
- There are mainly four types of user.
 1. Construction material vendors
 2. Individual Customers
 3. Construction companies
 4. Labours providers
- Customers and construction companies can search for the market values of required construction materials.
- Construction companies can get projects from customers.
- Wholesale suppliers can sell their materials, can get orders from customers and construction companies.
- Labours providers can communicate with customers for providing services.
- BuildMart System provides the functions which connect the customers and the wholesaler efficiently.
- BuildMart System could be maintained by Administrator.

3. Functional Requirements Overview

BuildMart System consists of Five modules described as below.

1. Individual Customers Module
2. Construction material vendors Module
3. Service providers Module
4. Construction companies Module
5. Admin Module

3.1 Individual Customer Module

- Customers can register and create his own account.
- BuildMart System provides the function which allows customers to buy construction materials.
- He is able to browse existing Market price of various materials.
- The customers can learn the technique how to use BuildMart.
- The customers can compare prices of materials for various brands.
- Customers can search for service providers for their work.
- Customer can give rating to Vendors and service providers.

3.2 Construction material vendor Module

- Vendor can register and create his own account.
- Vendor can add list of materials available with details to their account.
- Vendor can update the stock of materials and prices.

3.3 Service provider Module

- Service provider can register and create his own account.
- Service provider can list type of services they provide along with details.
- Service provider can update their profile.
- Service provider can add information about their previously completed projects.

3.4 Construction company Module

- Construction company can register and login
- Construction company can buy materials for their construction sites.
- Construction company have to buy our prime membership.
- Construction company can get services from Service Providers.

3.5 Admin Module

- BuildMart System should provide all function to admin how to handle the System.
- Admin can update stocks of various materials.
- Admin can create report of received and processed orders.
- Admin can manage premium membership and also provide offers and discounts.

4. Non-functional Requirements

- The website should use professional design, look and feel and color scheme.
- Users will have no limitations for accessing the application through Internet. The portal being an internet application, it is difficult specify exact number of visitor or users. Hence we will target the system to support between 5 and 10 million users on launch of phase 1.
- Being a public website, the site must follow general usability guidelines for menus, navigation, colors, links and other actions provided on the screens.
- The system should be designed in such a manner that user will be able to complete tasks in minimum number of steps.