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**DATE**

<b>PROJECT TITLE:</b>	BuildMe.pk

<b>STUDENT INFORMATION</b>				
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<b>VERSION CONTROL</b>
<b>Version 1.2</b>

## PROBLEM STATEMENT

The problem of	<i>Contractor while building houses faces a lot of problems There is no One spot, where suppliers of material (used in building ),labours ,contractor and house owner lie.</i>
Affects	<i>House Building process become headache.</i>
the impact of which is	<i>Time wastage, and negative feedback</i>
a successful solution would be	<i>A simple system to full fill efficient needs.</i>

## EXECUTIVE SUMMARY

This Project included the development and implementation of an online contract of building or of this type. To facilitate both client and contractor, provide some of features that are advantages of both parties. A group of labors facilitated, without any bargaining hired on their daily wages or contract base. Each and every phase of construction added to just facilitate the contractors, to overcome the time of finding material involve in development. Not only just to facilitate the contractors, clients have their own positive part. They can easily find the best one who is capable of their work, just for the sake of to overcome the wastage of time and money.

Our system will allow all parties to add their profiles, which help in finding the right one to user. Three main parties are Client, Contractor, Suppliers (of any kind like material involve during construction).Every part has its specific role among the needs. Our system tends to give facility to all , main point to finish the part that tends to wastage of time and the time of settling contracts on sites. Online profiles has attractive part of the parties. On the base of profiles clients find their best contractors and contractors to their respective one material suppliers.

## INTRODUCTION

A world that loves to participate in real-time activities would certainly appreciate the idea of an online contractor ship system that opens 24/7. Unlike the traditional contract method, this modern system brings together client and contractor from across the globe to a single location. Since the contractors are listed for few days, clients can contact them through their previous records of construction. The cost for conducting a contractor ship online is less when compared to physical contracts and the bargaining apart from both the parties. This way both parties the contractors and clients are benefited. Contracts taking place between client, contractors and material suppliers have gained popularity. Online contractor ship are very useful for businesses, regardless of its type and size. Clients go through the contractor's profiles (previous history) and information. Advancement in technologies and implementation of new features have made online contractor ship simple than ever. From the initial development process to the integration of the online contractor ship system, developers and software engineers encounters many challenges and difficulties. They think, plan, analyze, design, redesign, test and correct errors to set-up the most up-to-date online contract system for their clients.

Basic processes involved in Online contract system are Registration for clients, contractors and material suppliers. Clients see profiles of contractors, on the previous record history they are able to make decisions. Online contractor ship are typically managed by a business which specializes in conducting contracts over an Internet based platform instead of in person or by mail.

## OBJECTIVES

Our objective of the proposed undertaking system is an Building management system , a spot for customers and dealers to meet up and exchange nearly anything. The system has turned into an advanced spot to exchange information. Our primary objective for this undertaking in the place where clients contribute to get benefit from our building framework. Where all sort of customer can go and scroll down of different details of houses and get great arrangements. Building process must be to acquire best esteem and the most noteworthy cost. It can be conceivable to accomplish best esteem results while the attention stays on cost. We know that roughly for a house of one and a half crore pakistani contractor cost his profit about 30 to 40 % so we must have a phenomenon to optimize his work and cost.

## MOTIVATION

Our System will lead to business motivation. In countries like Pakistan where the software industry is growing in development stage, a system must need to fulfill business requirements. Our System not only expand our business need but also fulfill the need of user interactive system. A system that make Building phenomenon quite simple and easy must be required. Our system will focus on mainly user interactive and adaptable building system .

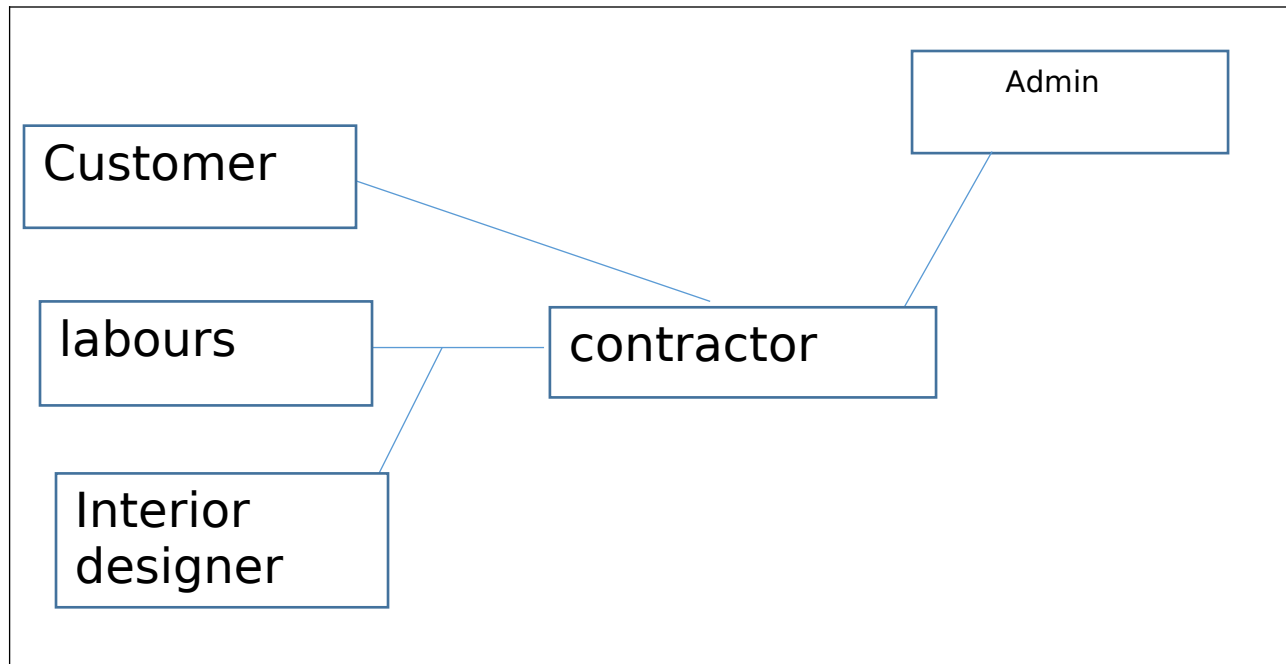
REQUIREMENTS	
It will must have adaptable interface for types of Users.	
	It will have a proper categories of different things.
	It will must provide different items to contractor with competing price .
	It should must provide labours to registered themselves with interactive interface .
	It should provide Search system for contractors .
	It should provide customer service system.

FEATURES OF PROJECT

1. Shops
  - 1.1 Shops are Registered.
  - 1.2 Authentication of Shop by Super Admin.
  - 1.3 Shop honor Upload Details of things available to sale(5 Items of Each class and 3 item of Sub Class).
    - A – Iron and building material suppliers
    - B – Glass and wood works
    - C – Sanitary and tiles
    - D - Paints and White Wash
    - E - Electric Stores
  - 1.4 Classification of each product (e g type A B C )
  - 1.5 Shop honor can see other people profiles and rate of things.(Search System)
  - 1.6 History of items is maintained (5 % of Total is given to Super Admin Monthly Basis As Shop Rent)
  - 1.7 Rating of Shops is maintained (Customers give Rating)
  - 1.8 Shop provide Discount on material quantities base.

2. Supplier Location and prices of material tracked.
3. Labours register themselves according to their category(Type of work) and rates.
  - A. Basic skeleton building labours
  - B. Electricians
  - C. Carpenters
4. Contractor can add labour teams (A small organization)
5. Contractor track labours working time with rates.
6. Contractor Can give rating and reviews to labours.
7. Contractor made a contract with customer.
8. Contractor can calculate Cost estimation of labour and give cost of project to customer.
9. Customers show the price of items on his dashboard and choose the best One and give rating to shops.
10. Contractor keep track of machinery used in Building of houses.
11. Customers (House honor) make a contract with contractor.
12. Interior Designer Registered themselves and made a contract with customer . (Interior designer projects are shown on his profile)
13. Authentication of contractor with super Admin
14. Payment (Centric Payment)
15. Complains Section (Online Feedback about Contractor)
16. 24/7 service

## ARCHITECTURAL DESIGN



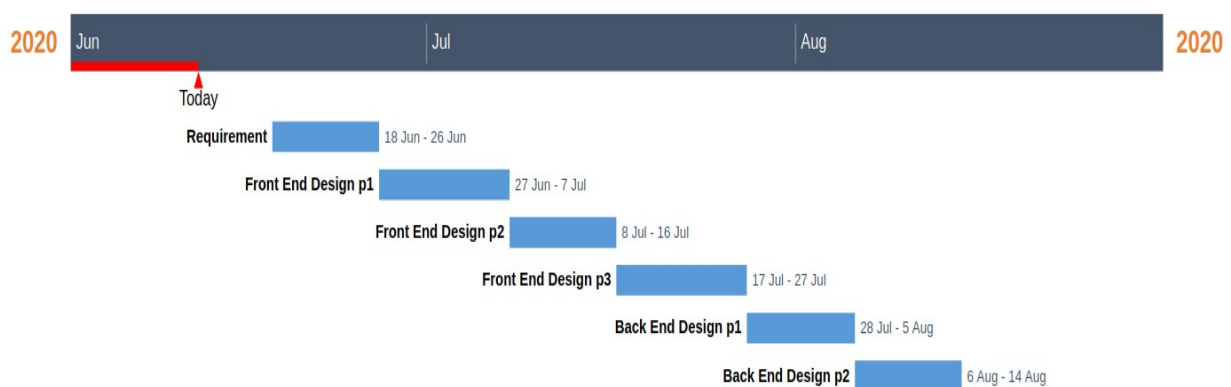
## Shops IMPLEMENTATION TOOLS AND TECHNIQUES

### Mern Stack

- Mongo Db
- Express Framework
- React Hooks
- Node Js

## PROJECT PLAN

### Gantt Chart of BuildMe.Pk :





## **References:**

<https://caam.pk/>

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