**MINI PROJECT ABSTRACT**

**ONLINE CONSTRUCTION MANAGEMENT WEBSITE**

Online Construction Management System is the web application which helps the users and contractors to buy the construction products. This website helps companies by providing them a large online market to sell their products. It is a website in which the companies can include their products for sales such as whole sale. Customer can send purchase request and they can purchase product through website. It has users who can buy the products that has been hosted by the companies. Admin can access all the functionalities and modules. It has implementations for contractors and workers. The contractor can take work that is assigned by the users. Users can access the workers for simple jobs such as painting, interior works, plumbing etc.

**USERS**

In this website there are main users are :-

Admin

Users

Company

Near by store

Workers

Contractors

**FUNCTIONALITIES**

The functionalities described here are:

**Admin**

* Login/Register
* Admin profile
* Access to information regarding customers
* Access to information regarding Shop owner / Suppliers
* Add/remove companies/users.
* Add/edit/remove Companies etc.
* Can edit profile of users if requested.
* Logout

**End user/ Customers**

* Login/register

Users who is not registered can only see/use website homepage

* View User profile
* Edit Customer profile
* View products
* Read product description
* Add products into cart
* Purchase products
* Write feedback
* Logout

**Companies (Tools/Fertilizers)**

* Login/Register

Companies who are not registered can only see/use website homepage.

* Add/Update/Remove products
* Manage Deliveries
* Logout

**Workers**

* Login/Register
* View profile
* Edit profile
* Add wages
* Add details
* Logout

**Contractors**

* Login/Register
* View profile
* Edit profile
* Add wages
* Add details
* Logout

**Near by Store**

* Login/Register
* View profile
* Edit profile
* Add details
* Logout

**NATURAL SYSTEM**

In natural system the customers need to go from store to store to buy the desired product of his needs. It is very time-consuming process and it hard to do so. In the natural system the customer is not getting any reductions from the company unless he is buying the product as a whole or in bigger quantities. And in natural system it is hard to implement the transportation

**DESIGNED SYSTEM**

The companies can sell their products through this site. Similarly, the user can also buy products hosted by the companies without going to the company. It reduces the difficulty for transportation and the time consumed. In this site the users are getting wide variety/range of products to choose from. Get detailed information about the product. In this site we are getting good discounts / lower prices products.

Referenced site:- https://buildpro.store/

**TECHONOLOGIES USED**

Front-end: HTML,CSS

Back-end: Python(django),PHP,MYSQL

**Weekly plan**

Creating a module and its functionalities each week