PIXEL SERVICES

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Abstract: In this project, we will build a web-based application named as "Pixel Services". In this project a user can view the availability of the technical employees such as Masson, Electrician, and Carpenter etc.

On the availability of the person, the user can book that resource for his/her construction work. In the booking process, the user will provide all the details about the working he/she is going to plan.

The main purpose of this project is to facilitate the end users to online book a technical person for his/her construction work according to the end user convenience

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I INTRODUCTION

Until recently, we've used apps for online buying (Amazon, Flipkart), transportation (Ola, Uber), and learning about new technology in our daily lives. That technology makes our lives easier and more pleasant by allowing us to access apps such as shopping and travel. So, why can't we make building work more efficient and straightforward? These technologies and features are being employed in the construction industry to provide easy access to construction services.

Now we'll show you how to use the "Pixel Services" programme. This programme is for use at home and at work. This application's main goal is to give workers for any form of building project. We can receive basic building job services at an inexpensive price by using this app. Dashboard, Inventory, Parties, Accounting, and Planner are the key aspects of the programme.

When you initially launch the app, the dashboard appears on the screen, followed by the inventory option, which informs you about sub-options such as pre-construction, in-construction, post-construction, and pest controling. Following Inventory, we'll learn about the new Parties function. This feature will aid in the collection of information about the services that have been placed by various parties. As previously said, accounting is a component that maintains track of billing information. Finally, the Planner tool displays all statistics concerning site development in a graphical format.

II SCOPE:-

- The research project will provide services for projects that are currently under construction.
- The research project will give services for projects that are in need of repair and maintenance.

III OBJECTIVE:-

The objectives of proposed project work shall be…..

1. To identify and resolve issues related to construction, repair, and maintenance.

2. Repair and maintenance need the use of contemporary equipment such as computers and information technology.

3. The capacity to address challenges in the building industry.

4. To bring fresh ideas and improvements that will help their profession progress.

IV METHODOLOGY

Technical Specifications

Development Platform	PHP Implementation language: C (primarily, some components C++) Stable release: 8.0.2/4 February 2021 Paradiem. Imperative, functional, object-oriented, procedural, reflective MySQL Stable release: 8.0.23/18 January 2021; License: GPLv2 or proprietary JS, jQuery Stable release: 3.5.1/(May 4, 2020) License MIT Python Stable release: 3.9.1/7 December 2020 Paradigm Multi-paradigm, functional, imperative, object-oriented, structured, reflective
Server Operating Systems	Ubuntu OpenStack Cloud Initial release date: 20 October 2004 OS family: Linux Latest release: Ubuntu 20.10/22 October 2020 (3 months ago) Source model. Open-source License: Free software + some proprietary device drivers
Web Server	Apache Stable release: 2.4.46 (August 7, 2020, 5 months ago) Initial release date: April 1995 Operating system. Unix-like, Microsoft Windows, OpenVMS License Apache License 2.0
Client Operating Systems	Any
Development Method	Agile Devlopment
Framework	Qcubed, Phonegap

Construction services be like

- Site cleaning – Removing construction deheries such as loose boards, scrap,sweeping the floors & preparing them for carpet or flooring .
- Levelling – Levelling is the process of determining the height of one level relative to another
- Plastering – Plastering is provided to decorative purpose
- Plumbing – plumbing is any system that conveys fluids for a wide range application
- Line out – It is process of locating points for column, site boundary level,pile position and other necessary structural parts according to construction to the construction drawing.
- Excavation - It is the process of moving earth,rock or other materials with tools, equipments or explosive
- Bed concrete for footing - The purpose of footing is to support the foundation and prevent seeting
- Wall putty – putty is essentially a cementious substance ,whose primary function is to even out the surface and create a level for further coat of points. Putty also help in filling minor cracks and pores, removing any kind of unwanted wall.

V HOW SERVICES WORK :

The procedure is as follows:

- The user can create an account and log in.
- The user can book a certain service based on his or her convenience and the service's/availability. resource's
- To book, the user must be a registered user. If the user hasn't already logged in, there must be a "Registration" option accessible.
- The user can see the relevant expenditure report after booking the relevant job. • The user may provide detailed details about the job and may submit photographs of the work throughout the booking process.
- The service dues voucher can be downloaded by the user.
- The user may view the approximate deadline of the selected item by paying the dues in the bank and uploading the paid voucher on his/her
- The user can see the approximate deadline of the selected item by paying the dues in the bank and uploading the paid voucher on his/her.

Admin panel

- The administrator can log in and make changes.
- The administrator may add various details about their services as well as build profiles for their staff, such as massons, electricians, and carpenters.
- The administrator may also include all of their employees' details, such as availability days, per day cost /service costs, and so on.
- All labour information may be edited, deleted, or updated by the administrator.

- The booking information may be viewed by the administrator, who can then assign the task to a specific employee (s).
- The administrator can create a voucher/expense report for the employee.
- The administrator can create several reports, such as the total number of completed projects and the overall cost of a project.

VI SITE RESULTS-

MR.YADRAVKARJI,JAYSINGPUR DT.08.02.2021

THE KITCHEN
43/02, Plot No 2,
AP- Samobatwadi,
City-Samobatwadi - 416004
Taluka- Karveer, Dist-Kolhapur,
Ph - 0231-2660210.

Customer Details
MR YADRAVKARJI
JAYSINGPUR
REF:-ER NITIN PATIL
DATE - 06.02.2021
CIVIL KITCHEN

THE KITCHEN

Quotation No 1		HÄFELE		KITCHEN
SN	Picture	Product Description	Unit	Qty
1		LEGRABOX M-HEIGHT 40 KG ORION GREY STANDARD DRAWER FOR A NOMINAL LENGTH OF 500 MM	SET	1
2		ERGO-FIT, SKY CUTLEY TRAY FOR 600 MM DRAWER SILVER GREY	SET	1
3		LEGRABOX M-HEIGHT 40 KG ORION GREY STANDARD DRAWER FOR A NOMINAL LENGTH OF 550 MM	SET	3
4		LEGRABOX F-HEIGHT 40 KG ORION GREY MATT STANDARD HIGH FRONTED DRAWER FOR A NOMINAL LENGTH OF 550 MM	SET	12
5		LEGRABOX F-HEIGHT 70 KG ORION GREY MATT STANDARD HIGH FRONTED DRAWER FOR A NOMINAL LENGTH OF 550 MM	SET	2
6		CORNER ECO PRO(ARC LEFT ALU GREY 900 MM	SET	1
7		Aventos HK Top Wooden & Wide Aluminium Standard Dark Grey Power Factor 3200-9000	SET	1
8		WASTEBIN DELUXE BRIGHT STEEL 15L	PC	1
9		Visible hanging brackets, Horizontal adjustment: up to 25 mm, Vertical adjustment: up to 28 mm, (2 PC in a set.)	SET	1

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VII CONCLUSION:

1. Use of modern technology enhance the construction work activities.
2. Pixel services has providing good services for construction work locally.

3. Use of modern tool help to conduct work on schedule.

4. It is user friendly.

REFERENCES

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3. Charles Hofacker "E-Services: A Synthesis and Research Agenda"The spread of electronic networks continues to transform business, marketing, and consumer behavior(2015)