

# Labour Management System

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#### Objectives of the project:

• The main objective of this project is to have a completely automated project allotment system which can even be managed by a non technical person. This project will serve the purpose of maintaining all the contractor, user and labour details along with issuing registration certificate to contractor and verified labourers for small scale projects. This project will definitely reduce the time and effort in searching for contractors with expired licenses and for labourers for small scale projects. Fetching all the contractor details, labour details and work order details will be made easy with just a single mouse click. Overall management of Contract labor will be easy and quick.

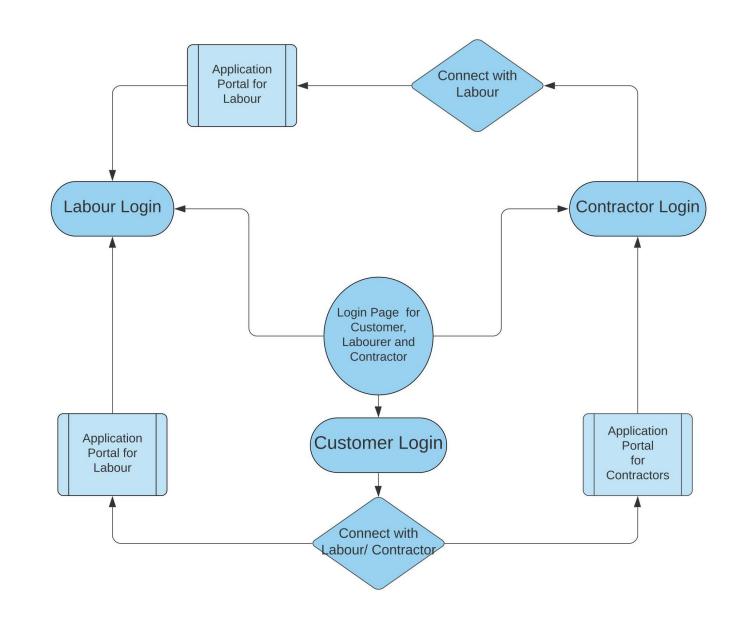
## **Existing System:**

- No Online Procedure
- Contractor's Commission
- No Identity Details Shown to customer
- Difficulty in finding labour within the area

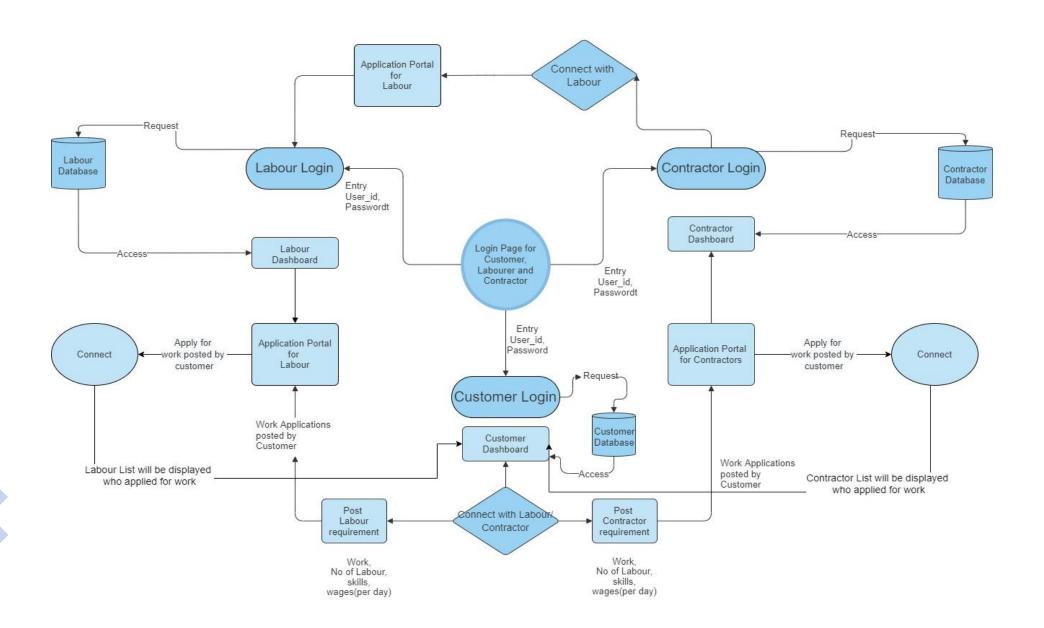
## Proposed System:

- Online Procedure
- Labourers with given verification and Identity details
- No commission of contractors for small scale projects
- Can also connect with contractors for large scale projects
- Time saving

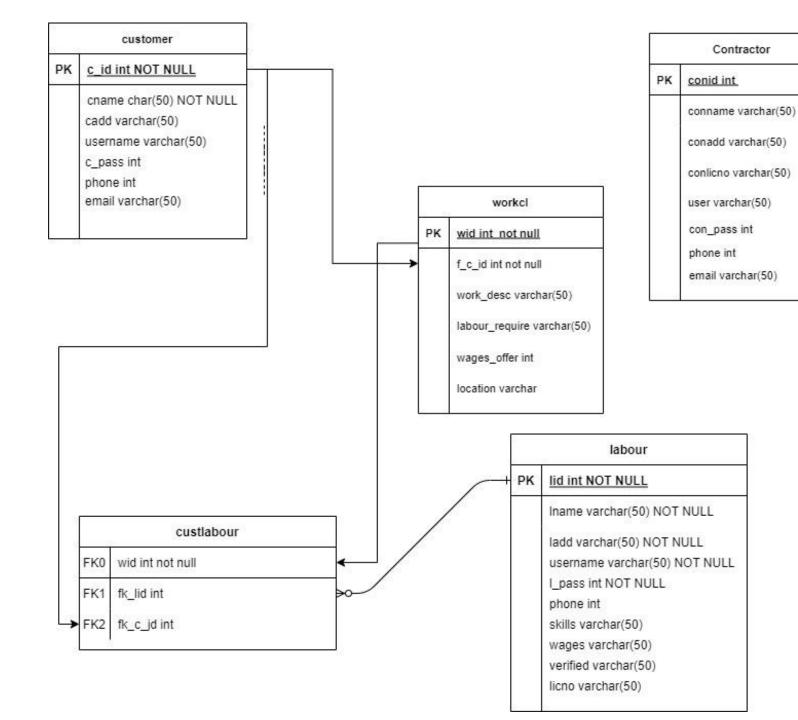
## 0 Level dfd



#### **DFD Level 1 Diagram**



## ER Diagram





**Modules:** 

The system will be having following modules;

Customer: Just like LinkedIn or naukri.com here the customers would post their work requirement including details of work, location, daily wages with negotiable feature and number of labourers required or they can directly connect with contractors for large scale project to get large number of labourers at a time.

Individual Labourers: The way graduates or experienced apply for job, the same method would be applied here. Here the labourers can search the daily posting of customers for work requirement, connect with them directly. Also for the labourers who want to work for large scale projects they can connect with contractors.

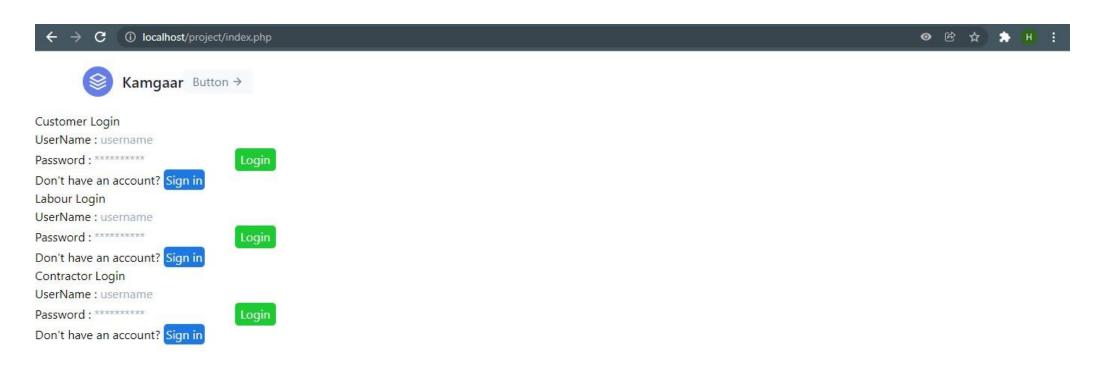
Contractor: Contractors can connect with customers for large scale projects as well as with the labourers to recruit them.

- Hardware configuration
- HARD DISC: 40GB AND ABOVE
- RAM: 512 MB RAM(minimum)
- PROCESSOP SPEED: 1.4 GHz Onwards
- Software configuration
- GUI HTML5/CSS3/Javascript
- Backend SQL, Javascript
- Visual Studio Code, Xampp, MySQL workbench

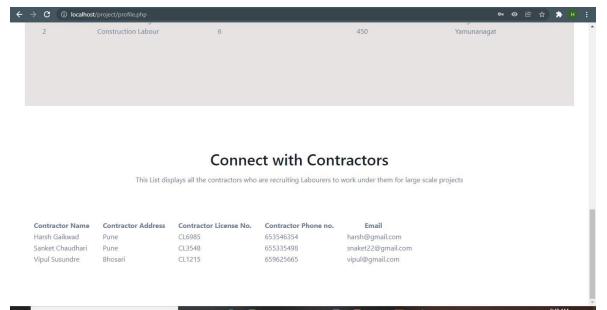
#### FEASIBILITY STUDY

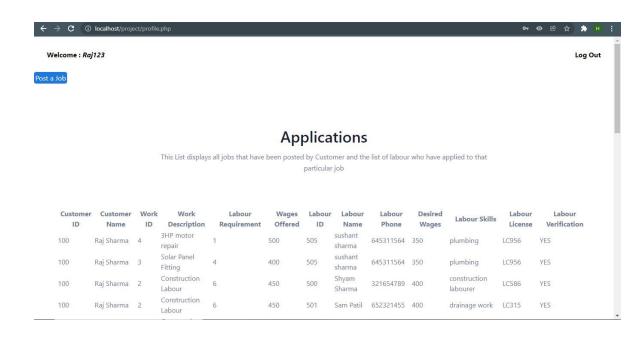
- Operational Feasibility:
- The project has been developed in such a way that it becomes very easy
- even for a person with little computer knowledge to operate it. This software is
- very user friendly and does not require any technical person to operate .Thus the
- project is even operationally feasible.
- Technical Feasibility:
- Technical feasibility determines whether the work for the project can be done with the equipment & software technology. Our project involves all the required specification like software application such as sql, workbench, jupyter/ visual studio code.
- Economic Feasibility:
- Cost benefit of the proposed system is that it is feasible as functions of this system
  is mostly on a online based platform and also helps in removing the commission of small
  contractors.

#### Home Page



### Customer login page









#### Apply for any Job

Apply for any job by entering workid and customer id which is specified in the above list



#### **Applications Applied**

This List displays all jobs that you have applied till now

Customer	Customer Name	Work	Work Description	Labour Requirement	_		Labour Name	Labour Phone	Desired Wages	Labour Skills	Labour License	Labour Verification
100	Rai Sharma	2	Construction	6	450	500	Shyam	321654789	400	construction	LC586	YES



## **Applications Applied**

This List displays all jobs that you have applied till now

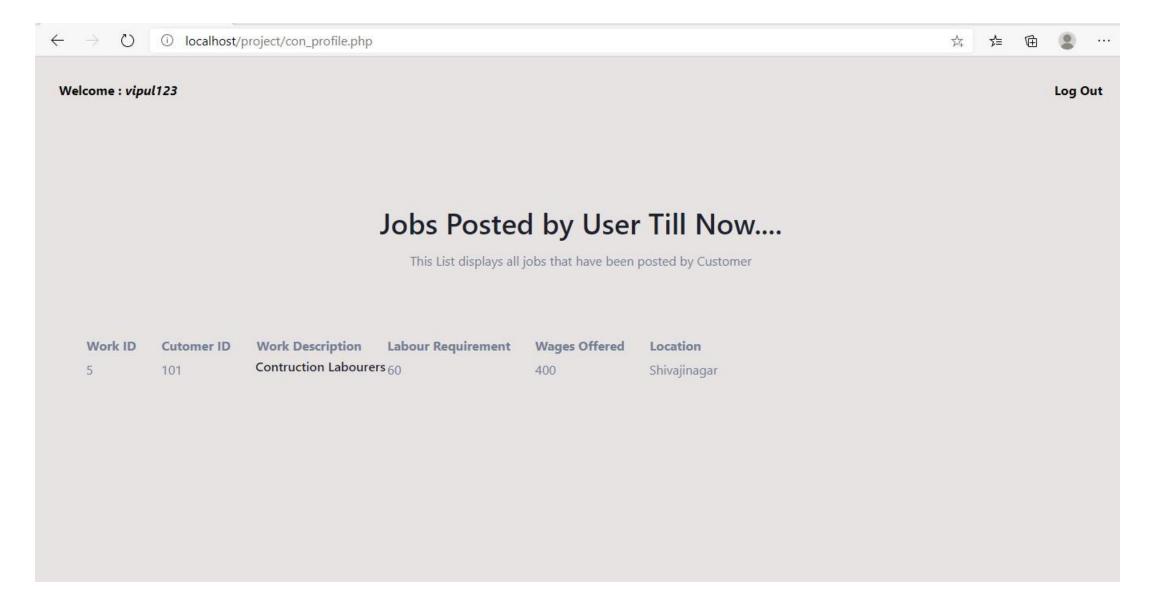
Vork cription	Labour Requirement	Wages Offered		Labour Name	Labour Phone	Desired Wages	Lab
uction	6	450	500	Shyam	321654789	400	const
8	O	450	500	Sharma	321034789		labou

#### **Connect with Contractors**

This List displays all the contractors with whom you can connect for large scale porjects

ess Contractor License No. Contractor Phone no. Email

#### Contractor Login



## References

- https://www.w3schools.com/
- https://stackoverflow.com/
- https://www.geeksforgeeks.org/