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Labor Employment System

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Abstract: ***The aim of "Labor Employment System" helps the labor to relinquish them an employment or work on each day at wages. It maintains the contractor details and labor details. The system helps in getting the labor his choice work or task. Labor can see different ads or places of construction where he can go and earn money. Contractor can also see labor details and employed him for his construction work. System also helps labor to urge prior work of another day. Labor gets all construction site details on his transportable. This system will help the contractor to get labor easily and he does not need to go at one specific place to collect labor. It will help the construction companies to continue their wok easily and in an effective way. Shortage of labor in various industries and fields will be decreased. Proper maintenance and data of labor can be done using this system. Various industries will be growing who will use this system and maintains it all labor using it.***
Keywords: ***Labour Employment System***

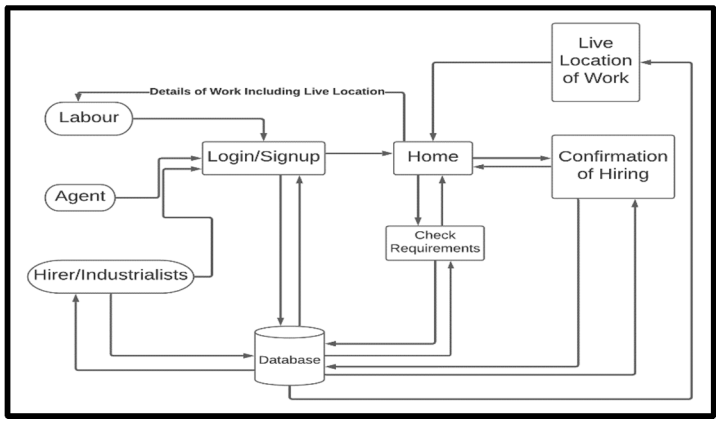
I. INTRODUCTION

Labor Employment system focus on providing employment to labor on daily wages. We want to vary existing system technologically like ola or uber where labors can get their job easily. It'll be easy for contractors to search out skilled or semi-skilled workers for his or her construction. It'll be beneficial for workers to induce work easily at proper wage amount and there's no chance not to get work. This method is additionally helpful for industrialists and large-scale farmers.
Industrialists: They're going to hire labor in their factory/industry for various purposes like watchmen, cleaners etc.:
Farmers: As we all know that when rabi season comes, harvesting of grain crops or other crops starts. For that large-Scale farmers require labor in great amount for various activities like cutting of crops, separating and packaging of grains etc.

II. LITERATURE REVIEW

We have referred the paper on labor management and issues on the construction industry It focuses on improvement in construction. It tells how we can use technology to improve labors.
Impact of labor management relations on organizational productivity. It focuses on impact of labor on productivity. It tells that if we increase productivity of labors then organizational productivity will increase.
We have seen that construction laborers are migrating from one place to other for employment. Thus, the employers of one company or site keeps on changing and no long-term relationships and loyalty is maintained between two parties We found most of the construction labor works in some other profession like farms, factory, domestic servant etc. and hence they do not give full importance to construction work and tend to work informally. Due to this labor cultivates informality, and Informality lowers productivity growth.

III. SYSTEM ARCHITECTURE



System Flow Diagram

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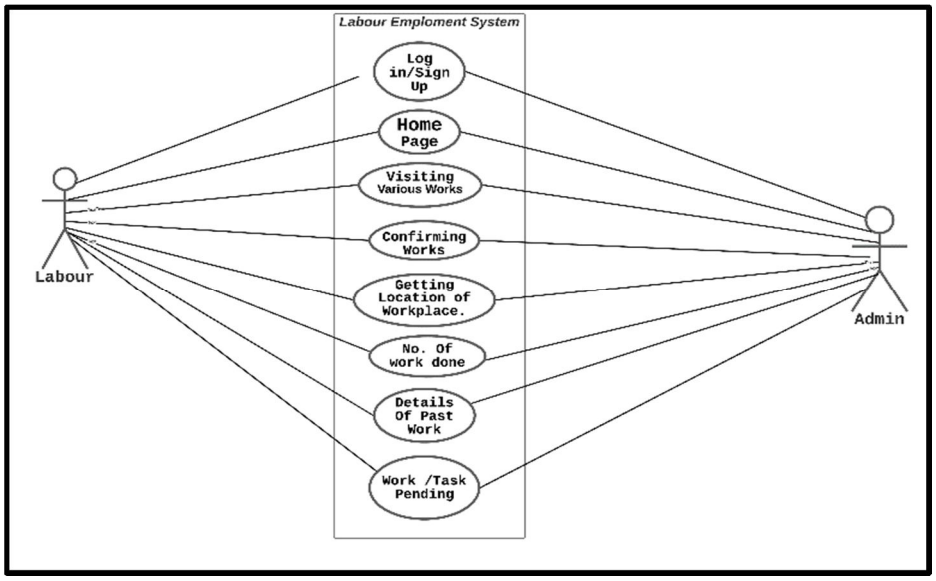
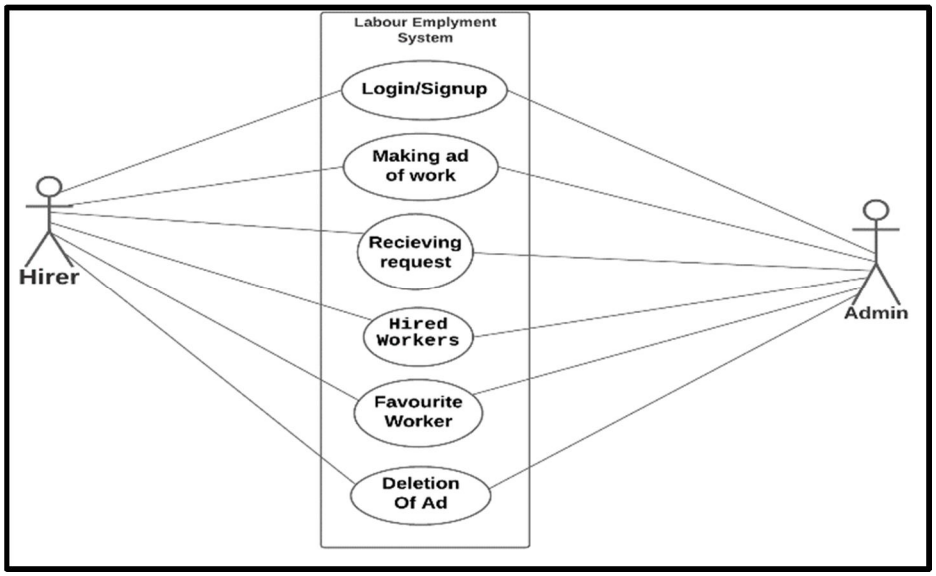


Use Case Diagram-1



Use Case Diagram-2

In Existing System, laborers used to stand across the road for getting work. Basically, we are able to see in our cities or towns those that work on wages gather at one specific point daily where one contractor (Dhekedar) comes and take them to their construction site. But. the present system is time consuming and sometimes laborers don't get proper job.

We are changing this system technologically where there will be labor and contractors' dashboards to track all their progress. It is responsive web application and multilingual. It is developed using php, HTML, CSS, JavaScript and Bootstrap.

There Will be home page according to login ceredentials. On homepage,user can see all available work on different locations.

If he likes any work,then he can send request to be hired to hirer and hirer will receive request.

If he accepts the request then labor receieves all details including location of work on his mobile phone.

Labor having dashboard on admin panel where he can see his upcoming ,completed and pendng works etc .

Admin having dashboard on admin panel where he can see accepted and unaccepted requests of labor to hire.He can add his favourite workers too etc.

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IV. PROPOSED METHODOLOG

Our plan is to create both systems together. But here I consider just for android/iOS app, same is consider for website/web development team. For Android/IOS app:

1) *Homepage:* In it, all details of our system visible. By default, this page is login screen also.

2) *New User Page:* If new user wants to register then he/she can register in three ways:

a) Register as Labor: one who wants to induce job or wants to figure can register in it.

b) Register as an agent: Leader or laborer's union president can register in it or someone who will have quite 5/10 laborer works under him.

c) Wants To hire: one who wants to rent labor or he/she needs of them can register in it. Ex: Industrialists, large-scale labor or the other business man.

3) *After Log in page, Main page Appears:* during this page, again different pages will open depending on their categories as stated in (2):

a) *As a Labor:* He/she can search around for work according to his/her interests like Brick work, Mortar mixing, plasters on walls, works in farms, works in industry etc. They will see google map in order that it'll be easy for them to work out location of labor.

b) *As an Agent:* This person receives list of job where there's need of workers. Then, he confirms where he wants to send his labors. He also receives notifications when anyone seek for his profile or when a person hires workers come under his area.

c) *Wants to Hire:* This person fills up his requirements along with his location. He also will see the list of Workers (skilled/unskilled) reckoning on his interests, he can hire workers. After clicking hire button, Workers receive notification on his phone as a text message and email.

V. CONCLUSION

Labour Employment System is an advanced system for labor to help them for getting work.It completely changes the current scenario technically by providing them a platform to get work easily and efficiently. Labors will get all details through message. (Ex: Address of site, number of contractors, etc.) Live Map tracking will be possible. Labor can get their next work before one task will complete. So, there's no chance of unemployment for them. System is going to be available in several languages depending on country's states.

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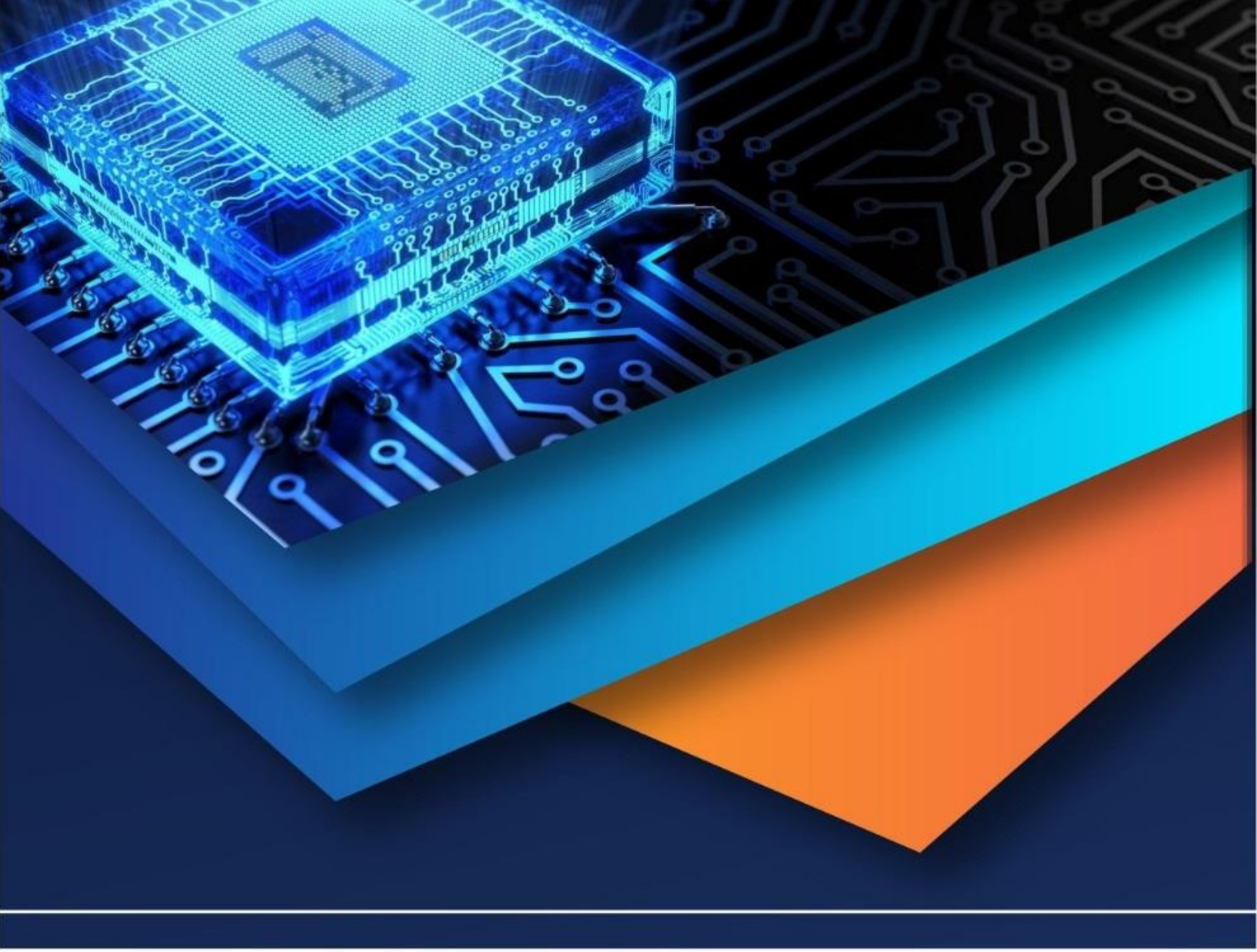

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