Aashvast Seva: A Portal to Connect Vagrant to Employer

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Abstract: *The issue poverty and illiteracy is very paramount in India. With an intention to provide a work for Unskilled and unemployed people especially beggars and support their children's for seeking education we are aiming to develop a web portal for employment of unskilled people .There are various scheme approached and initiated by the government of India to solve this issues , among those one is Deen Dayal Upadhyaya Gram Jyoti Yojana where the project engage rural youth specially BPL in gainful employment Through skill training programs. This proposal is meant for providing one solution to help the zero income segment of population that is beggars, unskilled people. The portal will be handled by a central manager who is responsible for the registering and maintaining data of those people .One of the important constraint is to collaborate with the companies who are requiring manpower at their working sites . The company can register and then login through portal for getting an allotment of workers require by them .The automated part of the system will directly allot the workers to the concern company. The money provided by the company to system as charge will be paid online. This money will be transacting to the government schools through net banking which will provide education to child beggars.*

Keywords: *rural area, zero income, unskilled, illiterate, monitoring, manpower, BPL (Below Poverty Line).*

I. Introduction

India is a democratic country and there is no ban on begging unlike in other countries like Italy, United State. Unfortunately lack of quality education/basic education and support millions of BPL men and women are continuing their life by begging instead of trying to get work in India. Some initiatives need to be taken by government of different State to help this needy people. By adopting similar kind of policy taken by government of Tamil-Nadu which has introduced low priced subsidized food supply to all people to eradicate poverty. The existing scheme available for poor people is Mahatma Gandhi National Rural Employment Guarantee Act (MoRD).This scheme ensures rural wage employment in every financial year to adult members of any rural household willing to do public work, related unskilled manual work. Influence by the scheme we are trying to generate more employment for unskilled people. This portal system is not just normal single user but has multiple user access. Contractors or Companies who need man power needs to registered firstly and then login to give a count of people needed.

As requirement occurs from registered company the automated part of portal will scan and the entry for those people who are not allotted to any of the company is fetched and from these fetched entries the people are allotted to required company. This is the First phase of system. After this online transaction will be done of payment by Companies to the System, this Transaction data will also be maintained by the System.
Also the support is given to beggars children's for their education by providing money earned by the System. This Transaction too is done by net Banking.

India has made a spot for itself as one of the quickest developing economies , yet it loses behind in a considerable measure behind for the sake of development in terms of Poverty , especially due to vagrants. **VAGRANT** is a person without a settled home or regular work who wanders from place to place and lives by begging.There are 4,13,670 vagrants — 2.2 lakh males and 1.91 lakh females. Some initiatives are taken by government of different State to help this needy people.

➢ Mahatma Gandhi National Rural Employment Guarantee Act (MoRD)
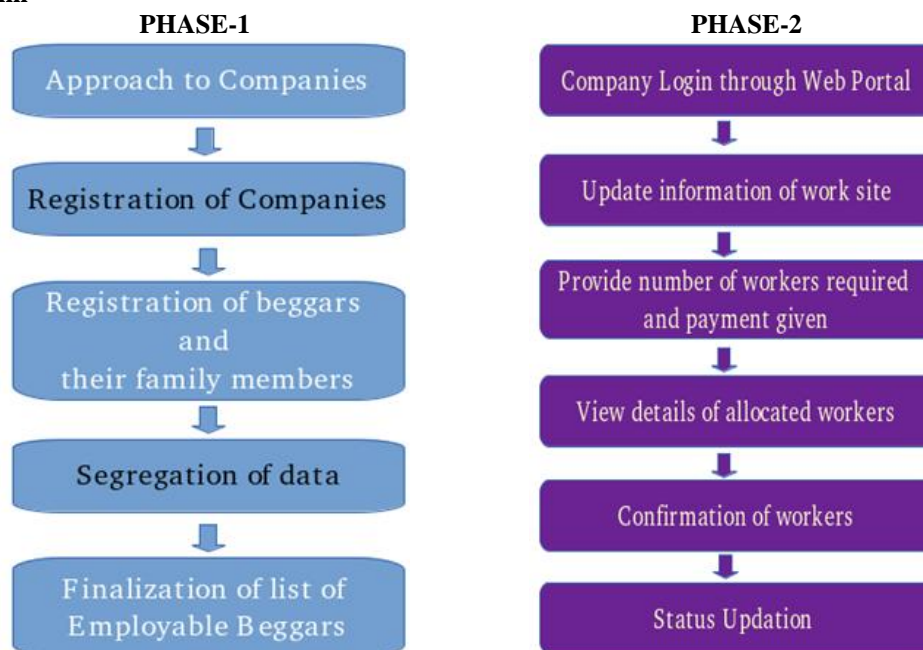➢ Deen Dayal Upadhyaya Gram Jyoti Yojana

II. Proposed Methodology

2.1 Objectives
(1)Provide Employment.
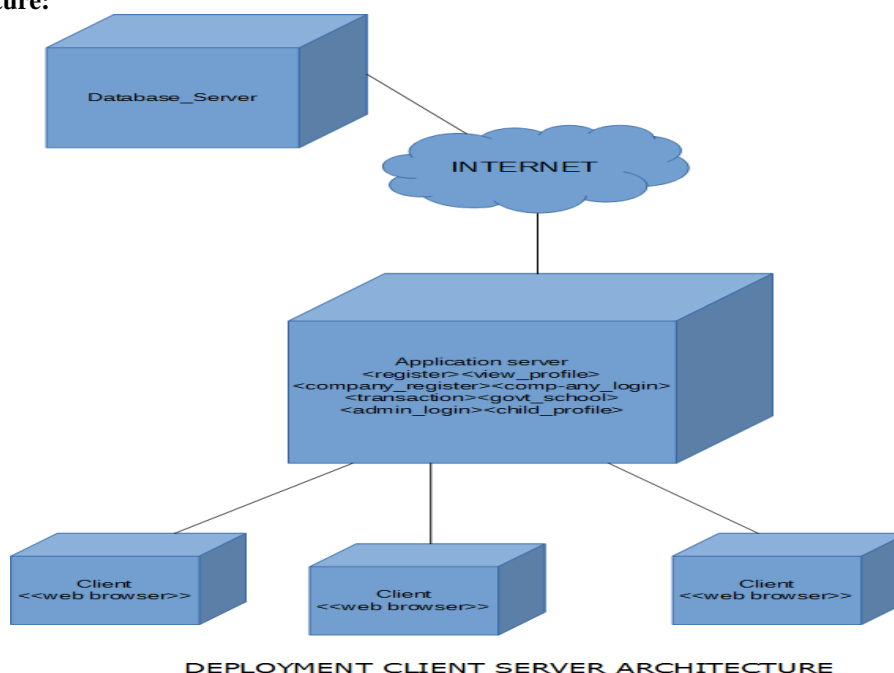(2)Online Portal for helping needy people.
(3)Reduce Poverty.

(4)Maintain Database for poor people (beggars).
(5)Literate the poor child.

2.2 Algorithm

PHASE-1

Approach to Companies

Registration of Companies

Registration of beggars
and
their family members

Segregation of data

Finalization of list of
Employable Beggars

PHASE-2

Company Login through Web Portal

Update information of work site

Provide number of workers required
and payment given

View details of allocated workers

Confirmation of workers

Status Updation

• The portal will be handled by a central manager who is responsible for the registering and maintaining data of vagrant people and companies
• One of the important constraint is to collaborate with the companies who are requiring manpower at their working sites
• The company can register and then login through portal for getting an allotment of workers require by them
• The automated part of the system will directly allot the workers to the concern company.
• The payment made by the company to the system will be paid online.
• A part of payment will be donated for the education of vagrants' children.

2.3 Architecture:

Database_Server

INTERNET

Application server
<register> <view_profile>
<company_register><comp-any_login>
<transaction><govt_school>
<admin_login><child_profile>

Client
<<web browser>>

Client
<<web browser>>

Client
<<web browser>>

DEPLOYMENT CLIENT SERVER ARCHITECTURE

- Database Server : Maintain all Data/Records of Vagrants and Companies
- Internet : Provide Connection between Database and Application Server
- Application Server : Where all Functional module Resides.
- ➢ Register
- ➢ View_profile
- ➢ Company_register
- ➢ Company_login
- ➢ Transaction
- ➢ Govt_school
- ➢ Admin_login
- ➢ Child_profile
  Client : User will use the web portal on client machine

2.4 Technology Used:
Front End:
HTML
BOOTSTRAP
JAVASCRIPT
CSS
Back End:
 PHP
Database:
My SQL

2.5 Database Schema
Main database

vagrant_information

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	vagrant_id	int(11)			No	None	AUTO_INCREMENT	Change Drop Primary Unique Index Spatial Fulltext More
2	name	text			No	None		Change Drop Primary Unique Index Spatial Fulltext More
3	gender	text			No	None		Change Drop Primary Unique Index Spatial Fulltext More
4	address/area	text			No	None		Change Drop Primary Unique Index Spatial Fulltext More

vagrant_family_information

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	vagrant_id	int(11)			No	None	AUTO_INCREMENT	Change Drop Primary Unique Index Spatial More
2	no_of_familymember	int(11)			No	None		Change Drop Primary Unique Index Spatial More
3	address	text			No	None		Change Drop Primary Unique Index Spatial More
4	no_of_children_below_18	int(11)			No	None		Change Drop Primary Unique Index Spatial More

company_information

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	Company_name	text			No	None		Change ● Drop Primary Unique Index Spatial Fulltext More
2	Owner_name	text			No	None		Change ● Drop Primary Unique Index Spatial Fulltext More
3	address	text			No	None		Change ● Drop Primary Unique Index Spatial Fulltext More
4	no_of_manpower_require	int(11)			No	None		Change ● Drop Primary Unique Index Spatial Fulltext More

allotment_table

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	vagrant_id	int(11)			No	None	AUTO_INCREMENT	Change ● Drop Primary Unique Index Spatial Fulltext More
2	company_name	int(11)			No	None		Change ● Drop Primary Unique Index Spatial Fulltext More
3	income	int(11)			No	None		Change ● Drop Primary Unique Index Spatial Fulltext More
4	per_day_rate	int(11)			No	None		Change ● Drop Primary Unique Index Spatial Fulltext More

III. Output

Developing India's major constraint is poverty which in turn relates to our vagrants. The proposed model will bring in a employed India leading to decrease the n umber of vagrants. Also, will bring in literacy amongst the people. The organizations enrolled with the portal will also be satisfied and will not have to weep for manpower. If the companies train the vagrants which are provided to them, the unskilled people will transform to Skilled ones. This portal will bring in a revolutionary change in the country. Impact on society will be immense. Also practically if we have employed people in the country increasing then the other facts or side effects of un employability will also extent to be ceasing.

IV. Conclusion

The Proposed System has opened up a vast amount of possibilities in providing better and more Systematic way of employment generation of unskilled people or zero income category People. The System is adorned with a centralized and seamless console. The System which is rolled out has benefits for both the contractors and unskilled people. The developer has put a well thought application which not only automates the manual process but is highly scalable to suit the future requirements and other challenges which may arise. There are provision for further development.

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