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FARMERS EMPOWERMENT THROUGH SOCIAL ENGINEERING AND RENTING OUT EQUIPMENT

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***Abstract*— The Farmer's Empowerment Project aim that helping the poorest farmers and workers through Social Engineering. The effective management of unorganized manpower in the sector of agriculture will be done by an application, farmers and daily wage workers working in villages, mainly in agriculture sector, can register on this app. A farmer in needed of additional manpower can post an hour basis requirement on the application daily wages workers can respond to such requirement and both get a platform to fulfill their requirements. Small scale farmers would be benefitted most by this application and save their efforts of looking for labors. Even farmers can earn money by responding to such labor requirements on the application. It is not only for single village but also for different villages.**

Keywords— Empowerment, bartar.

I. INTRODUCTION

Agriculture is the backbone of the Indian economy and will remain so for the next century or so. About 65% of the Indian population depends on agriculture for their livelihood. The current situation of farmers is precarious due to many factors like changing weather, unavailability of water, low quality of seeds and pesticides, cost of crop and unavailability of human resources in agricultural sector. Nowadays labours are not available easily since it is unorganized, many farmers don't get labours when needed whereas many labours don't get daily work assignments. SO, in this application we are utilizing manpower.

II. TECHNOLOGY USED

At front end we have used 'HTML' and 'CSS','JAVA' ,'JSP' at the backend we have used database for database we used MySQL.

III. SOFTWARE REQUIREMENT

1) Ecllipse JEE.
2) MYSQL Installer 8.0.
3) Apache Tomcat Server 9.0.

IV. MODULE

1) Registration: As soon as the user joins, the admin provides unique username and password to him.

2) Farmer: When a new farmer registers, his record is saved in the database.

3) Payment Methods: Here payment is calculated for each worker based on the type of payment i.e. commercial or bartar. Farmer need not pay for entire day he can work instead of payment or he can pay also. Same thing appear in instrument and animal.

4) Display: A user can view the record of skills required for farming and workdone. And user can also view record of animals and instruments.

5) Report: Here reports of entry of work, animal entry, instrument entry generates automatically

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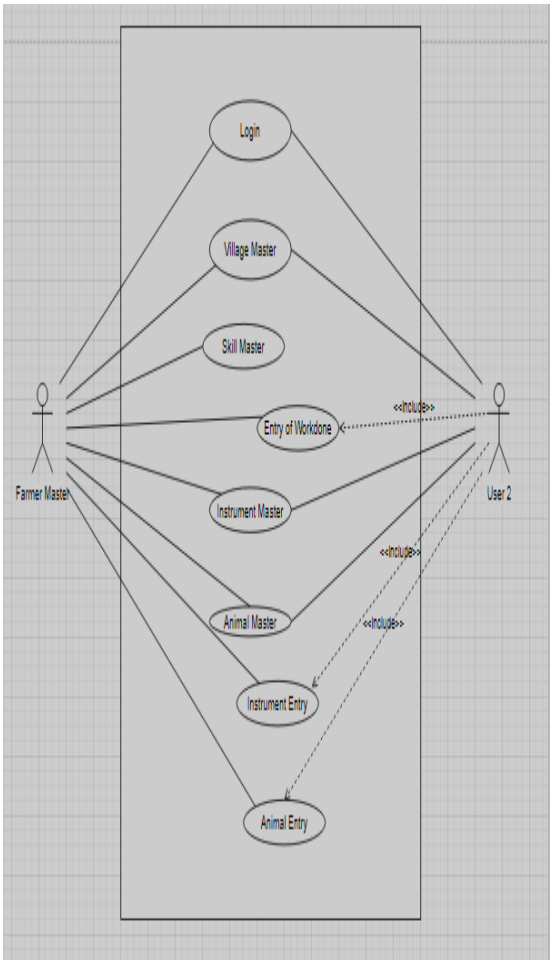
V. DATAFLOW DIAGRAM



VI. SYSTEM INTERFACES

1) Login Page

2) Village Master

3) Skill Master

4) Farmer Master

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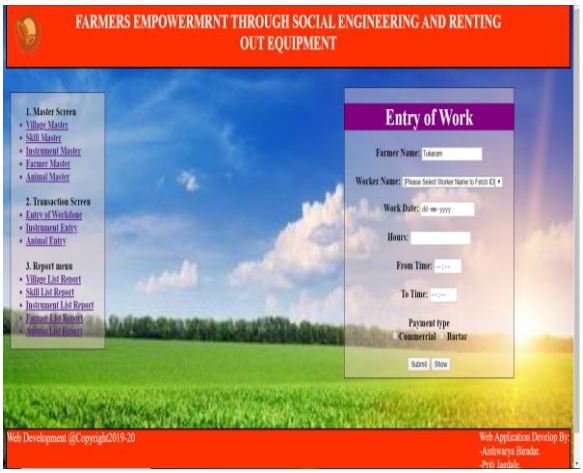
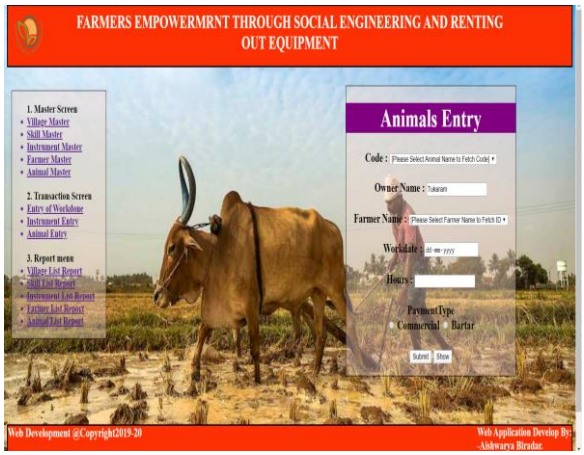
5) Instrument Master

6) Animal Master

7) Entry Of Workdone



8) Animals Entry



9) Instrument Entry

VII. APPLICATIONS

1) This application can be used for big and small scale farmers.
2) This application not only for single village but also for different villages.

VIII. ADVANTAGES

1) Solving problems of poor farmers and labors.
2) Reduce the agricultural unemployment
3) Available for a any number of farmers.
4) The effective management of unorganized manpower in the sector of agriculture.
5) Scope for updation and development in application for future.

IX. SCOPE

1) This Application can be used in Agricultural Industries.
2) It can be develop and upgrade in future.
3) Small scale farmers can get benefit by this application.
4) It can develop in Android Application which is easy to use for farmers.

X. CONCLUSION

The software keeps record of farmer's skills, daily assignments, entry of work, animal entry and instrument entry. The software is capable of easy storage of information related to farmer through database. Reports of work done generates automatically in this application. Worker get his daily work easily through this application. The bond between farmers will strong by doing work and by sharing instruments and animals.

XI. ACKNOWLEDGEMENT

Perseverance, Inspiration & Motivation have always played a key role in the success of any venture. At this level of understanding it is difficult to understand the wide spectrum of knowledge without proper guidance and advice, Hence we take this o to express our sincere gratitude to our respected Project Guide Mr.V.S.Solanke who as a guide evolved an interest in us to work and select an entirely new idea for project work. He have been keenly co-operative and helpful to us in sorting out all the difficulties.

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