
WORKERS POWER ONLINE PLATFORM FOR FARMERS**Shilpa Hatwar^{*1}, Pooja Rahamatkar^{*2}, Nitu Deshmukh^{*3}, Saijal O. Shahu^{*4},****Dikshant Sahare^{*5}**

^{*1,2,3,4,5}Dept. Of Computer Science & Engineering, Madhukar Rao Pandav College Of Engineering, Bhandara, Maharashtra, India.

ABSTRACT

India is an agricultural country and India's economy is largely based entirely on agriculture. In India, farmers cultivate a wide variety of crops, mainly paddy, cotton, wheat, and other types of crops that can be used by farmers to grow crops. Farmers have to face many problems. Main problems often faced by Indian Farmers are insufficient supply of water: Water availability in India is more than sufficient to irrigate all cultivation areas; the problem is that we still have to find cheap and suitable solutions to utilise such enormous water supplies. Due to several reasons, farmers either don't receive the appropriate amount of water or don't get the supply on time; many farmers rely on rainwater for irrigation. Transportation Problems: Lack of cheap, efficient means of transportation is a big problem widely seen in the Indian agriculture sector; small farmers still rely on bullock-carts for transporting their produce. Moreover, lakhs of villages are connected with highways and market centres with temporary (kutchra) roads that become muddy and useless in rains. Consequently, farmers cannot deliver their produce to the central market and helplessly sell it in the local market at low costs. Cope with climate change, soil erosion and biodiversity loss. Satisfy consumers' changing tastes and expectations. Meet rising demand for more food of higher quality Poor Storage Facilities: In rural areas, storage facilities are either insufficient or completely absent. In such a situation, farmers usually have no other option than selling their produce immediately once it's ready, at market prices that are often very low. They are far away from a legitimate income and one of biggest them is Agricultural Labor. the greatest need in agricultural business is agricultural labor and in the present situation it has become very difficult for farmers to find farm labors. and agriculture cannot do this business without farm laborers, and to find farm labor Farmers have to face many difficulties to find farm labors .. Such as non-availability of farm labor for cultivation which causes delay in planting. Sometimes tractor operators are not available and sometimes farm laborers have to be hired at very high rates and we recognize this biggest problem of farmers and for solving this biggest problem we have created this system by recognizing this problem. which It will help farmers in finding farm labor and order on demand service for all farm related works from their local area and it also saves money and time as well as help in completing agricultural work and we hope that this will completely solve the problem of farmers.

I. INTRODUCTION

The Worker power: on demand service for farmers is a web based application. This project is specially designed for farmers which enables farmers to order on demand service for farm related works. The objective of this project is to develop a system that automates the processes and activities of farm related works and workers, we will make an easier way for ordering the farm workers. In the present system farmer's has to approach various problem for searching farmworker in local area .many times workers are not available on very urgent times. And farmers suffers from lot of money and time losses due to farm workers unavailability. And searching for farm workers often requires a lot of time and efforts. We provide approach skills to critically examine how farmer's dealing in searching farm workers in an appropriate way when dealing with the consequences .this project is developed to replace the currently existing system, which helps farmers to order on demand service for all farm related works like field crop and vegetable growers, fishery and aquaculture laborer's, garden, horticultural & plantation workers, mixed crop and livestock farm labourers, tree and shrub crop growers, rice plantation worker, dairy worker, gatherer labourer – agricultural, ploughman, wood cutter, tractor operator, farm machines operator, laborer – plantation and all farm related workers as well as this system gives an employment to local farm workers. Farmers can order on demand service as per their choice at any time. This system gives freedom to farmers from searching farm workers for farm related works and provides all farm related workers nearby their locations.