



SOCIAL NETWORK FOR LAND RENTING WITH GREEN REVOLUTION

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ABSTRACT

The main aim of the project is acting as an intermediate for both farmers and land providers. This project is a web application designed using ASP.Net as front end and MS SQL as back end. The coding language used here is VB.Net. The project helps to identify the persons who are ready to provide land as well as willing to make tree plantation. The administrator options in the web site help to approve both kinds of users for their further activities. Only after the approval they can login and provide details. The administrator can track all the land posted by land owners. Various reports such as available lands, land providers, requests raised by farmers and approved requests can be generated. Thus the web site helps to improve the environment in an efficient manner. This web site helps farmers and land providers to communicate effectively. The web application which is developed to improve the environment resembles the activities of non-profit organization. The web site administrator, land providers, crop providers and cultivators are the end users of the site. The environment condition will improve through the efforts and cooperation of the end users by reducing the environmental pollution through cultivating lands.

Keywords : Web application, Land renting, Farmers and owners.

I. INTRODUCTION

There are a lot of reasons for the introduction of a new computerized system. Since the data to be handled is more, manual record maintenance became a time-consuming one especially generating the reports. To overcome the above difficulties, a system is required so that the problems may not be happening. The computerized system now reduces the risk and time involved in the tree cultivation. The easy menu-driven web pages make the land provider and tree planter entries; the land providing request and the tree planting become easier than the old system. The reports can be viewed with less or no effort. The report preparation methods are simple. Generations of various reports like providers details, lands available can be generated easily. The web site provides them with a good user interactive environment.



EXISTING SYSTEM

The existing system is in offline. It is difficult for farmers to search land for rent. The Land providers do not have a better platform to advertise their lands. Communication between personals through the application is not possible. Consolidated reports are harder to generate. No proper communication is available between farmers and land owners. No centralized database is available.

PROPOSED SYSTEM

The project is to implement the communication between farmer and land owner through online. The users are provided support by processing all the transaction in web site itself so that immediate updating is available to them. The proposed system is web based. Thus the proposed system helps to improve the environment in an efficient manner. This web site helps farmers and land providers to communicate effectively. The web application which is developed to improve the environment resembles the activities of non-profit organization. The web site administrator, land providers, crop providers and cultivators are the end users of the site. The environment condition will improve through the efforts and cooperation of the end users by reducing the environmental pollution through cultivating lands.

II. MODULES:

1. Admin
2. Lands
3. Owner
4. Farmer

1.Admin

In this module, Admin will maintain both the farmer, land owner details and approve , reject proposals given by the farmer and land owner.

2.Search Land

In this module, farmer search the land details which include the parameter such as land id, land area, dimension, irrigation mode, soil type, cultivated crops, location, city, rent per, rent amount, proof, image, added by and owner name. These details are viewed from 'land table'.

3.Land Owner

In this module ,the land provider registers their information such as name, password, address, mobile number and mail id details. Only after proper registration and verification land owner are allowed to post the land details so that farmer can access the posted land details.

4.Farmer

In this module farmer register their details into the website so as to search for land details and make their rental request. This details includes the information such as farmer id, name, address, contact no, email id and payment information.

III. DATABASE DESIGN

The most important consideration in designing the database is how information will be used. The main objectives of designing a database are:

1. Data Integration

In a database, information from several files are coordinated, accessed and operated upon as through it is in a single file. Logically, the information are centralized, physically, the data may be located on different devices, connected through data communication facilities.

2. Data Integrity

Data integrity means storing all data in one place only and how each application to access it. This approach results in more consistent information, one update being sufficient to achieve a new record status for all applications, which use it. This leads to less data redundancy; data items need not be duplicated; a reduction in the direct access storage requirement.

3. Data Independence

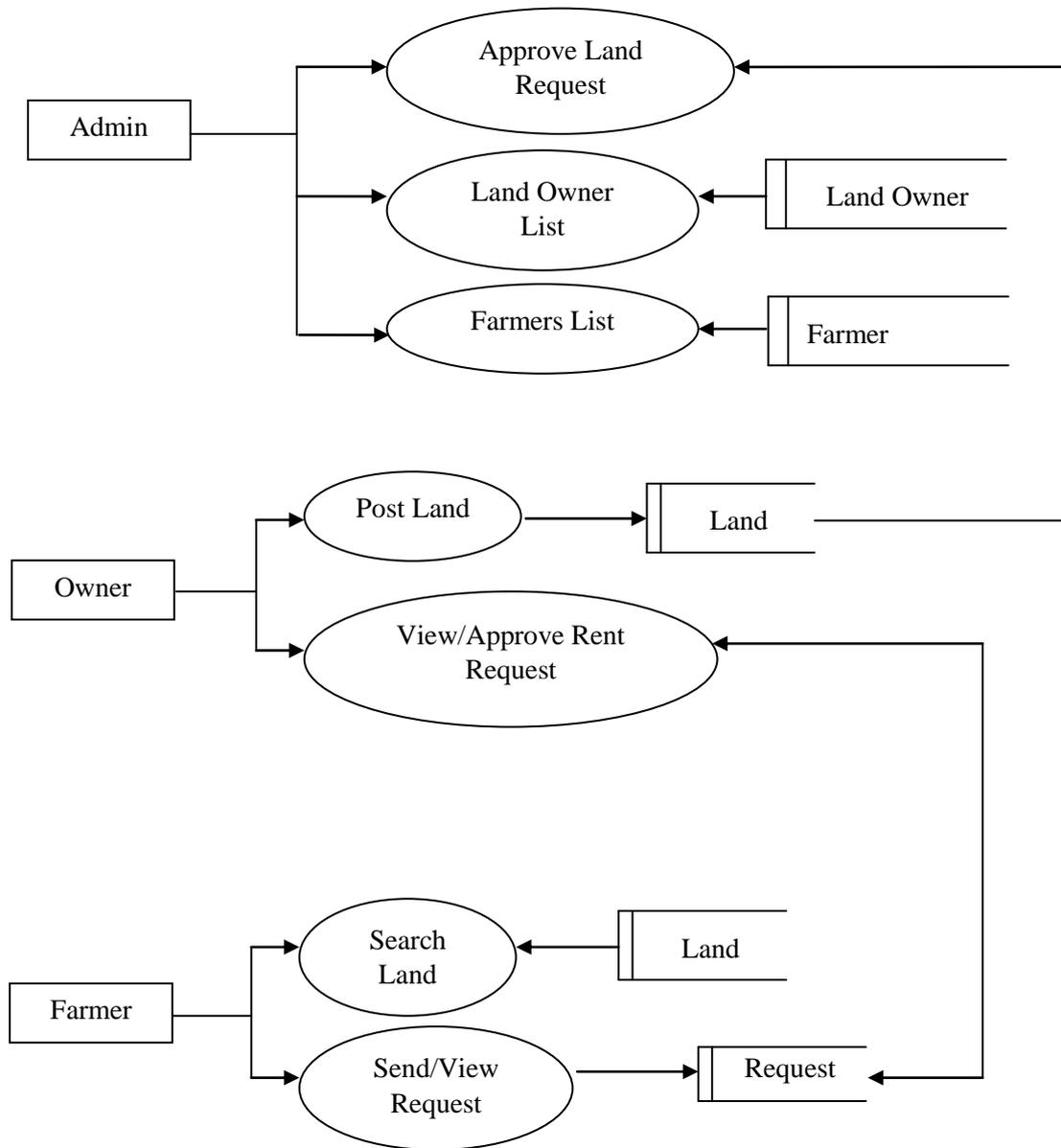
Data independence is the insulation of application programs from changing aspects of physical data organization. This objective seeks to allow changes in the content and organization of physical data without reprogramming of applications and to allow modifications to application programs without reorganizing the physical data.

IV. SYSTEM ARCHITECTURE:

The architectural view of the system contains two main modules registration by farmers and owners. The registration by farmers and owners are done followed by authentication to the details given by the farmers and owners. After that the details of the farmers and owners are to be uploaded. The details are stored in a database for further reference by admin. Now the farmers by using their unique login id can login to find lands and request for land from land owner.



V. DATA FLOW DIAGRAM:



VI. CONCLUSION

Through this project, a better the communication between farmer and land owner through online id made possible. The interface helps administrator for viewing land providers, tree planters, and land providing requests and tree cultivation requests and approving them. All the day-to-day activities are managed by administrator, land providers and tree planters through browser interface. The new system eliminates the difficulties in the existing system. It is developed in a user-friendly manner. The system is very fast and any transaction can be viewed or retaken at any level. Error messages are given at each level of input of individual stages.

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