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PROJECT GREEN HANDAnsari Nusratjaha*¹, Chikhale Rohini², Barve Utakarsha³ & Aher Poonam⁴*¹⁻⁴Students of Department of Computer Engineering,
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ABSTRACT

Project Green Hand System is a web based application. This can be access by Administrators and User to handle the various processes involved in Forest Department. A Project Green Hand System where the administrators can see in which area .How many tree is plant and total numbers of Trees. Project Green Hand is a project related to the tree plantation done across the specific location .This software gives the actual idea related to the number of trees planted in the specific area which is further will be used to keep a trace the actual data related to a tree plantation. It is also used to increase green cover in urban areas, measures to increase the green cover, restore soil health and manage natural resources appropriately. Environmental responsibility of human, illustrating what is possible when people take their future into their own hands and take action now, to save their environment. A simple yet proper solution for our climate disruption problem.

Keywords: Trees, Counting of Trees, forest management

I. INTRODUCTION

Concerning the issue of deforestation a various activities have been carried out. Tree plantation, conservation of forest area, cleaning the forest, eviouraging organic agriculture arranging public lectures for awareness. Helping in increasing the number of green corners and public parks, establishing a nursery for wild and fruitful trees, to help and promote to increase the Green Public Area, Ecotourism, etc. A new and much useful activity of Auto Tree Counting will be very much appreciated. In this tree are planted at a time will be numbered and the further trees planted later will be automatically counted by using Auto Tree Counting software. It will be useful for exactly know the number of trees planted at a particular location. This software will also provide information about numbers of trees grown and number of trees perished. A field survey in selected in village of Junnar Tehsil will be carried out. Forest offices award about the use of software so that in future they can check the addition of number which are planted. Thus the forest department can be beneficial for the use of this software.

Conservation and Forestation of natural reserves (distribution of 14,000 wild trees fruitful and wild trees). Awareness lectures and workshops concerning all environmental aspects Solid waste management programs implemented in municipalities with collaboration. The Solid waste management through Domestic and Artistic Recycling (Creative Environmental Ideas).Cleaning campaigns, and effective partner in operation Big Blue. Encouraging of Organic Agriculture and Production for Organic and farmers Consumption for consumer through workshops and public lectures.Ecotourism activities (Hiking Biking, Mountain Climbing, Bird Watching, etc.).Advocacy Campaigns aiming to help Lebanese city reclaim their environment rights. Training on harm reduction and early intervention in forest fires. Green Hand Botanical Garden. (Link to botanical garden page)

Need of system

In now a day's growth of Industrial area and Residential area is increased for construction purpose. In our software is helpful in counting of the numbers of trees being planted or cut down in a particular area. This will give specific idea about the number of trees increased or reduced. When more number of trees is found being cut down, tree planted programs can be extensively worked in such areas. Where the rate of tree plantation can be maintained. In our project will be helpful in spreading awareness among people about planting and protecting trees. In one sense our project in much helpful in maintaining the ecological balance. When more trees are planted, protected and grown the ozone layer is carefully protected. The damage to the ozone layer

can be stopped and the ultraviolet rays can be stopped .It will further help in stopping some harmful diseases. It also helps to increased oxygen level.

II. PROPOSED SYSTEM

Proposed system is an automated Project Green Hand. Through our software user can add members, add booking of user, search members, edit information and update information, and, in quick time. Our proposed system has the following advantages.

- It very User friendly interface to access
- It Fast to database access
- Less error
- More Storage Capacity
- Search facility
- Auto counting of trees.

Growth and perishing of will be exactly understood..

III. SYSTEM FLOW

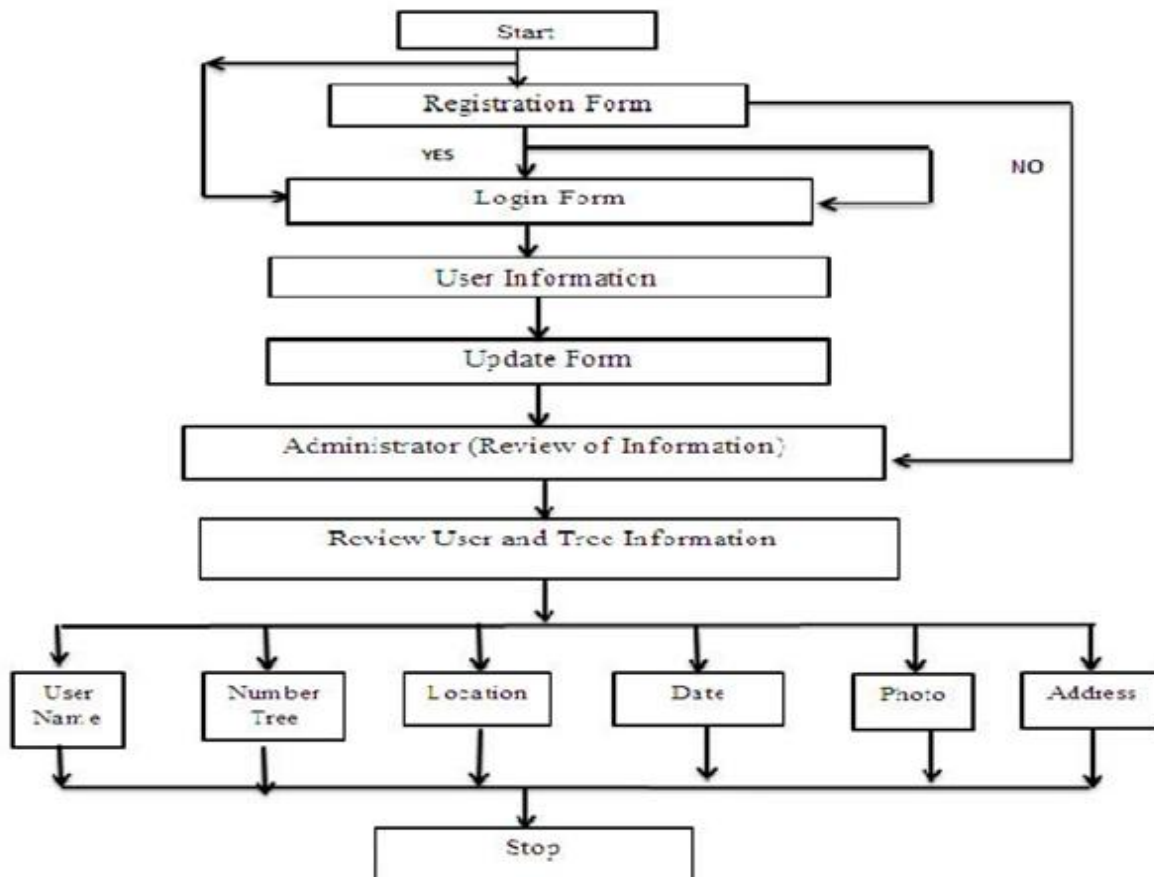


Fig. system flow

Algorithm

Steps

- **Steps1:** Initialization
- **Steps2:** Fill the Registration form Details.
- **Steps3:** If user Registration is success then administrator collects all details of user.
- **Steps4:** Login fields can be filling.
- **Steps5:** If user is not authenticated then it gives error message shows and go to step2.
- **Steps6:** If user is authenticate then go to the next page.
- **Steps7:** In a next page we shows update form of user.
- **Steps8:** Then user update form can fill update details of user.
- **Steps9:** If user update form is success then we shows all update details of user and Trees.

- **Steps10:** If user Update is success then Administrator collects all details and show to the user.
- **Steps11:** Stop.

IV. ADVANTAGES AND DISADVANTAGES

Advantages

- Auto counting of trees.
- Growth and perishing of will be exactly understood

Disadvantages

- Maintaining data at large is difficult

V. CONCLUSION

The environment is a very complex and extensive system, protecting the environment is a very hard. It is the responsibility of all to people to protect our environment. Let us fulfill our responsibilities to protection environmental, creating a quality ecological environment and sharing wonderful green living together. A wonderful and quality environment must be achieved by continuous planning, governmental policies, efforts of the enterprises and public participation.

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