

ABSTRACT

RUBBER TAPPING MANAGEMENT SYSTEM

Project Nature : Mini Project Extension

Completion Level : Login,Registration for all modules and Search

Percentage: 40%

Rubber tapping management system is mainly used for land owners and more job opportunities for tappers. In now a days the field officers from rubber board are noticing the rubbers that are not tapped and finding the tappers for that estate. So to overcome this situation the landowner can search tappers for their estate. While these use of site the field officer get easy to notice and get the list of tappers and landowners estate details. And landowner need to get approve from field officers and their rubber estate is registered. Who registered in this site can login.

This system provide more benefit for both landowners and tappers. In case of landowner their non-production rubber estate became into production. Next for tappers they get more job opportunities from this system. In case of absente landowners we can kept a managers for maintaining the rubber estate.

Modules are:-

- Admin
- Tapper(Users)
- Land Owner
- Payment

ADMIN

- Admin module is used to manage the full system. In this module admin is treated as field officer.
- The admin can login to the site by entering their user id and password.
- For each location there will be a field officer so when the landowner or tapper register through these site they want to select their location and their field officer by using this way.
- When landowner register through this site they automatically link with their admin panels.
- Admin will approve the tappers through their experience, if not they will be get rejected .

LAND OWNER

In these module landowner may provide the details of their property and mention the needs that an tapper needs to do. While registering to the site the landowner need to mention the details like:

- Register number, no. of rubber tree that to be tapped, rate, year of planting etc.
- After registering the landowner is connected with their field officers.
- The landowner can search a location nearer to his location in that he can see the tappers nearer to him. At this time landowner send an request to the tapper which he choose but after registering only he can see the full details of that tapper.
- The landowner can mark the attendance of their tappers in these so that it is easy to calculate their daily wages.
- The landowner can provide photos of their rubber trees to the tapper so that they can know the status of rubber trees so it make easy to proceed.

TAPPER

In these module it is treated as User module. When tapper is registered into the site:

- The tapper can view the details of landowner details which is approved by the field officers.
- Tappers can be choosen through tappers bank which means that tappers can register their names and details in the data bank.
- And after viewing they need to send a confirm message to the landowner and make a contract agreement.
- Viewing Payment details
- The tapper need to mention their experience details while registering.
- The tapper need to decide that the salary to be permitted in week or monthwise.

PAYMENT

- The payment activity is based on the contract made with the landowner and tapper.
- According to the number of days he tapped.
- Rate for each rubber tree.

- Calculate the daily wages

SUB MODULES

Manager

- In case of absentee landowners we can keep a manager so that they can look after the estate and give the current details to the landowner.
- How many tappers are there and mark their attendance so that it is easy to calculate their wages.
- As a landowner actually what all things that can be provided by the manager to the landowner.

Stock Purchase

- In these modules the land owner can buy the items which are needed for rubber tapping materials like shades, jars, blades etc..
- So that it is easy for the landowner to buy the products through this site. The location of shop where it is situated all these details get shown.

Labour welfare fund

- The labour welfare fund is provided for the tappers example like Merit award sub component in these the award got for the tappers children in an organised sector plantations. Insurance is also provided.

Wages

- The wages for the tapper can be calculated monthly, weekly or daily that is decided by the tapper

EPF(Employees Provident Fund)

- It is a benefit scheme that's available to all salaried employees. An estate with over 20 employees is only required for the law to register in epf.

Wage rate

- The major components of a worker's wage is calculated by their basic wage, Dearness Allowances, Over time payment, Bonus, Fringe Benefits. This procedure is mainly for the registered estate only.

Technical Know How:

- In this section the seminars and meeting which is conducted by the rubber filed officer should attend by the landowner so that they can improve their productions.

Subsidies

- The government provide subsidies for the rubber farmers. According to their hectares of land and the current rate of rubber the subsidy get provided.

Product Selling

- The products that get from rubber like scrap, black shell, rubber latex, rubber sheet.
- The landowner need to mention that the latex is get preserved or to make it into sheets. Then they can sell it in markets or if it is latex then it may send to the industries for making rubber products. For this we have rubber production incentive system.

Insurance

- This insurance is claimed for the landowners where due to nature calamities.