

# Forest Repository Management System

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## ABSTRACT:

The backwoods is a characteristic framework that can supply diverse items and administrations. The working of this framework is affected by the indigenous habitat: atmosphere, geography, soil, and so on., and furthermore by human action. The activities of people in timberlands constitute woods administration. The present framework keeps up information crosswise over records (books) and documents. It is hard to look for information and deal with the data. The framework frequently botches the data and this prompts information irregularities and information misfortunes. The proposed framework is an electronic application and keeps up a brought together storehouse (database) of all data. The framework gives very much characterized interfaces and gives access to all clients. The framework permits the age of reports.

**Keywords:** Administrator module, Customer module, Contractor module, Hauler (transporter) module and Report module.

## I. INTRODUCTION

The woodland is a characteristic framework that can supply diverse items and administrations. The working of this framework is impacted by the common habitat: atmosphere, geology, soil, and so forth., and furthermore by human action. The activities of people in timberlands constitute backwoods management. In created social orders, this administration has a tendency to be detailed and arranged keeping in mind the end goal to accomplish the destinations that are viewed as desirable. Some woods have been and are figured out how to acquire conventional woodland items, for example, kindling, fiber for paper, and timber, with

small reasoning for different items and administrations. By the by, because of the movement of natural mindfulness, administration of woods for numerous utilization is winding up more common. A backwoods administration framework is a procedure in which woodlands are tended, collected and recovered. The natural qualities of the woodland being overseen help to decide the fitting timberland administration system. Tree species developing in Algonquin Park run from shade tolerant (maple, hemlock, beech, amber fir), middle of the road shade resistance (white pine, yellow birch) to shade prejudiced (poplar, white birch and jack pine). Shade resilience impacts the decision of timberland administration framework under which they are overseen. Their resilience of

shade implies that the new woodland might be built up in the shade of the develop backwoods. Species that are narrow minded of shade should be recovered in full daylight.

Backwoods might be overseen in two ways:

- As even-matured backwoods where most trees in a stand are of by and large a similar age. (eg. Shelterwood, Clearcut with Standards)
- As uneven-matured backwoods where trees of numerous ages are available inside a stand. (eg. Choice)

DefInItIon of timberland Management Forest administration is the plan and usage of an arrangement of activities in which stands are reaped, items are circulated, cutovers are recharged, and assurance against creepy crawlies, fire and malady is given (Baskerville, 1986) These exercises are controlled in timing, sum and geographic space with the goal that their aggregate impact creates a coveted blend of advantages, for example, timber, amusement opportunity, and so on from the entire backwoods after some time. The primary destinations of the woodland administration are to discover one calendar, i.e., plan, that seems liable to create the coveted future timberland improvement example and stream of advantages, - actualize that scheduil year-by-year, - screen backwoods execution periodicalyy to search for and cure dissimilarity amongst expected and real results (Jordan, Erdle, 1989).

## II. MODULES

The system is proposed to have the following modules:

- Administrator module
- Customer module
- Contractor module
- Hauler (transporter) module
- Report module.

### Administrator module:

Administrator maintains the entire application. Administrator can add, delete, edit and view the details of customers, contractors, orders and haulers. Administrator interacts with all users and provides effective communication among the involved parties. Administrator also manages the details of forest related products such as timber.

### Customer module:

A customer must be registered to avail the services. A customer can place the orders for timber and other forest related products. Customer can contact the contractors for the products.

### Contractor module:

Contactor must be registered with the system. A contractor accepts orders and fulfills the orders. Contractor will procure the products from the haulers. A contractor may hire one or more haulers.

### Hauler module:

A hauler is the person who collects the products from the forests and surrounding areas. A hauler is permitted to do this. A hauler provides the products to contractors.

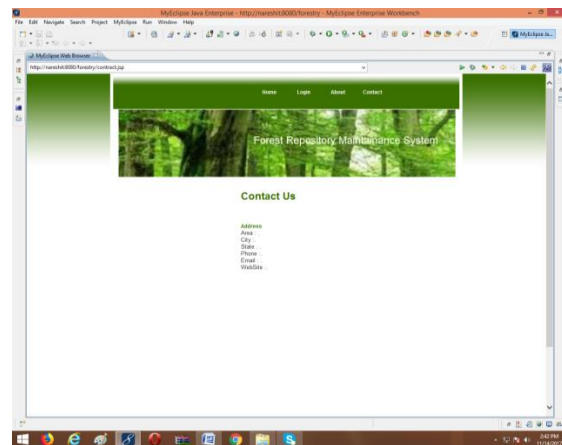
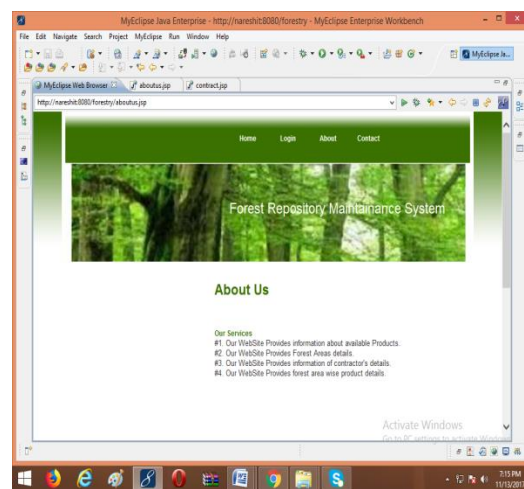
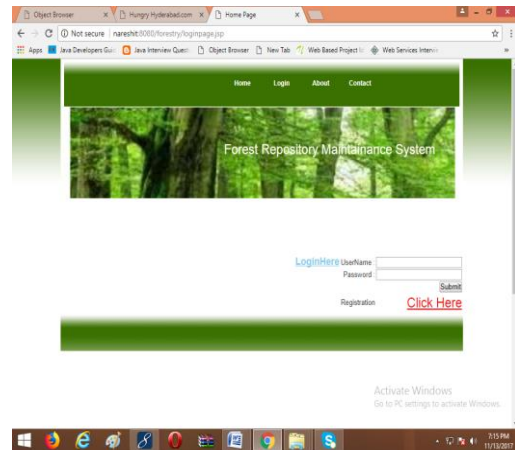
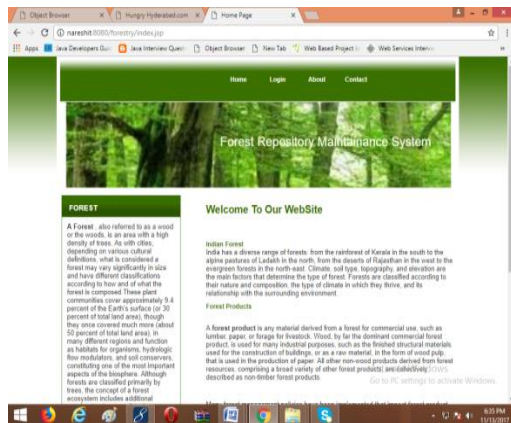
### Report module:

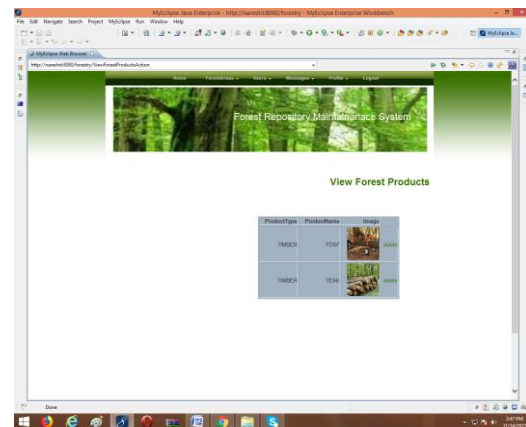
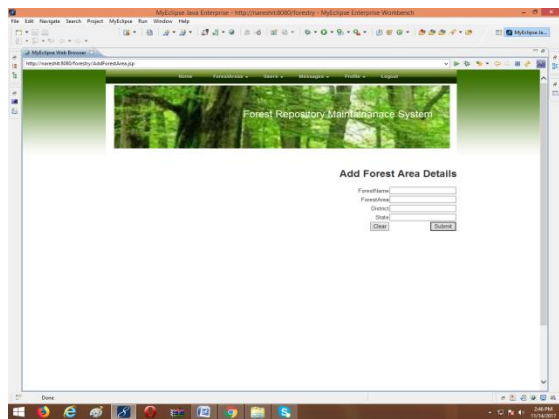
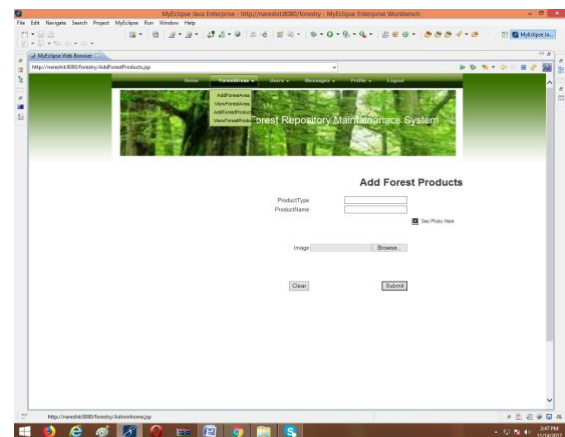
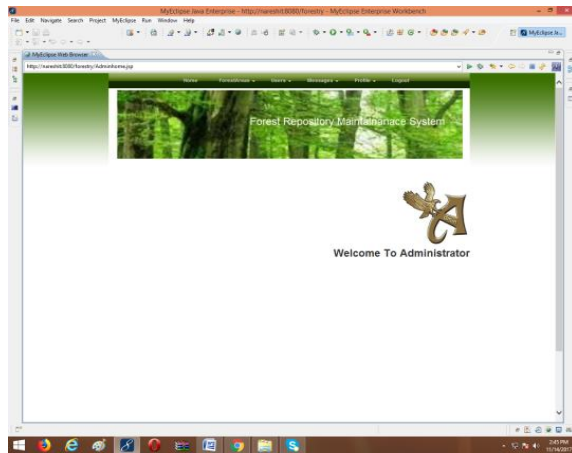
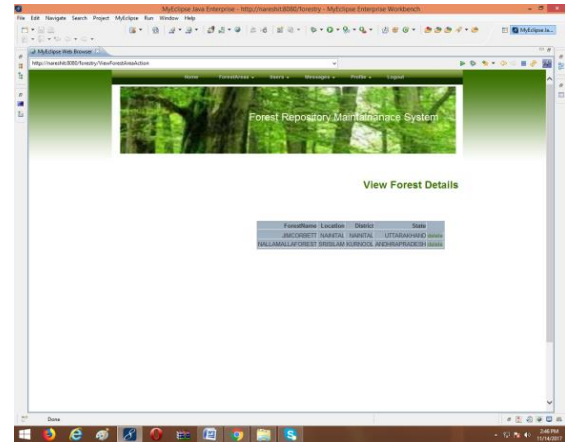
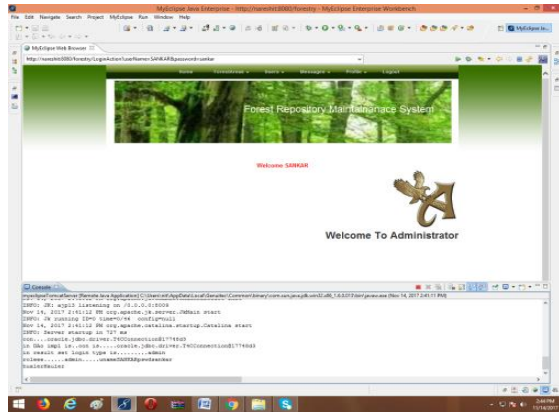
This module allows administrator to generate various reports based on different criteria.

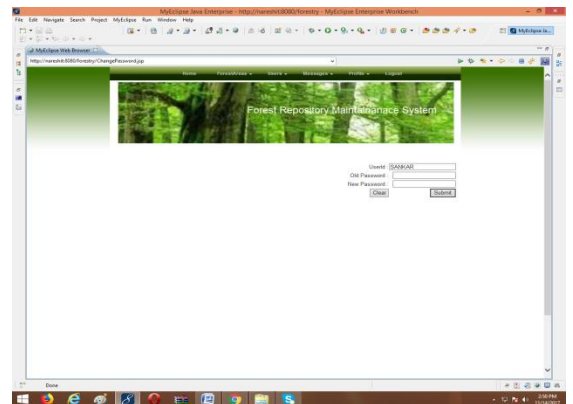
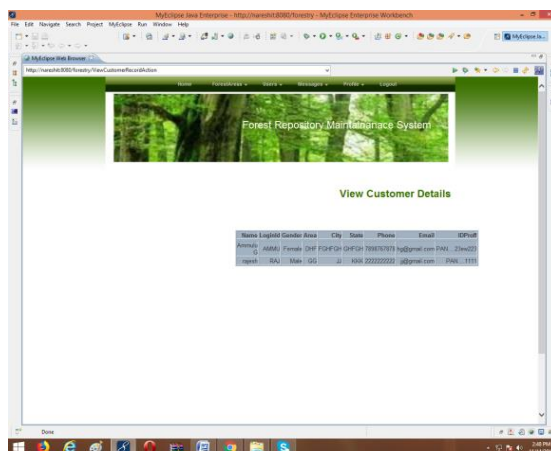
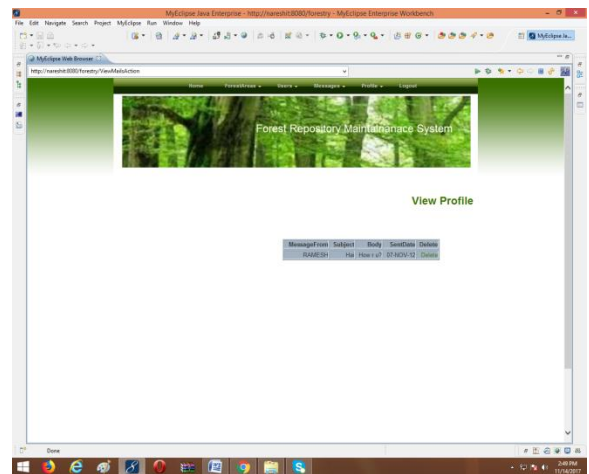
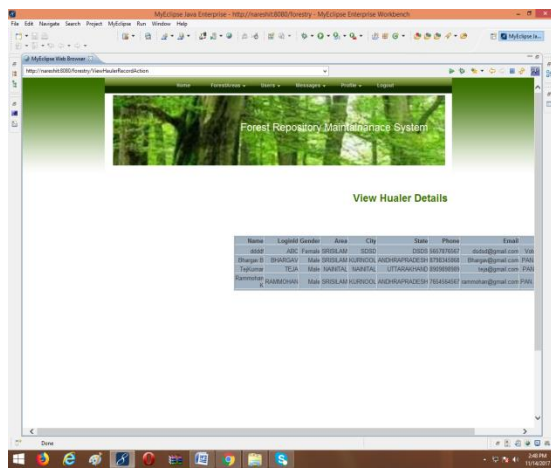
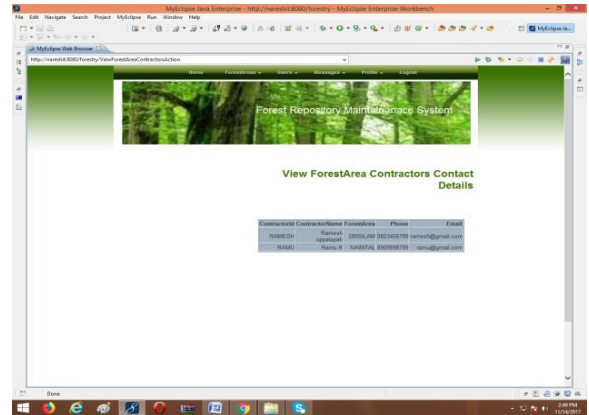
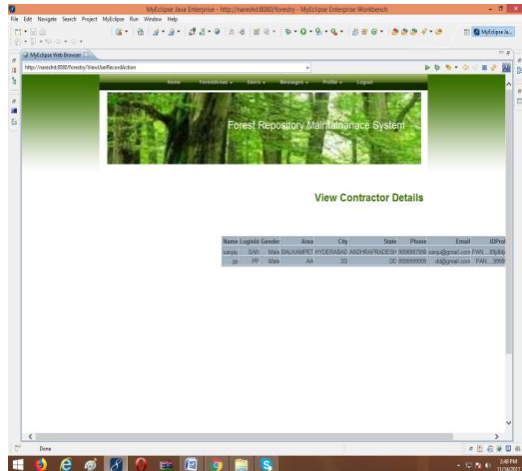
### III. CONCLUSION

The target of the task is to build up a framework that gives functionalities to keep up the points of interest of ranger service and related exercises. The framework enables one to play out every real task and to deal with the information viably. The proposed framework is an electronic application and keeps up a brought together archive of all data. The framework gives very much characterized interfaces and gives access to all clients. The framework permits the age of reports.

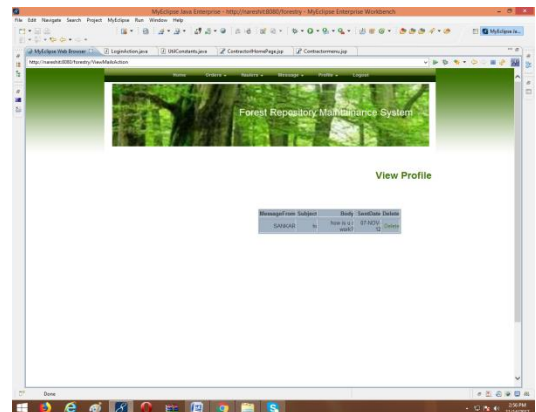
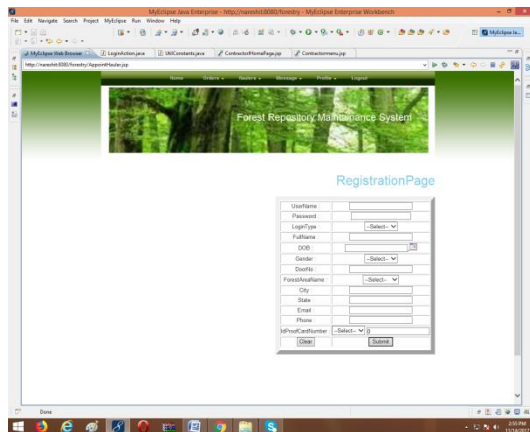
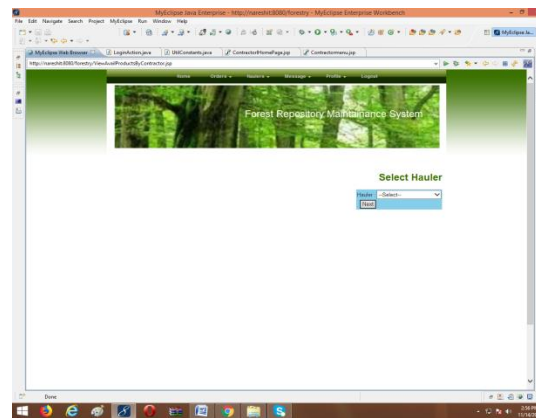
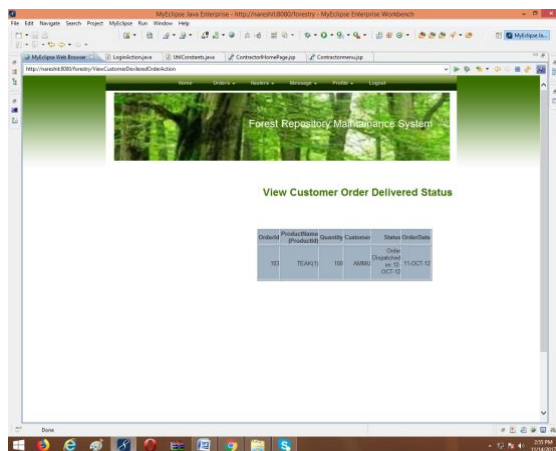
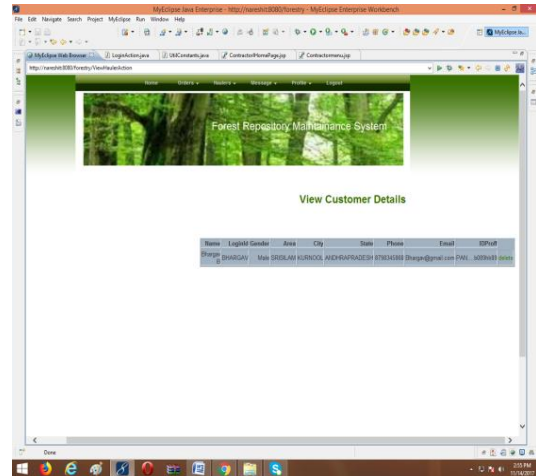
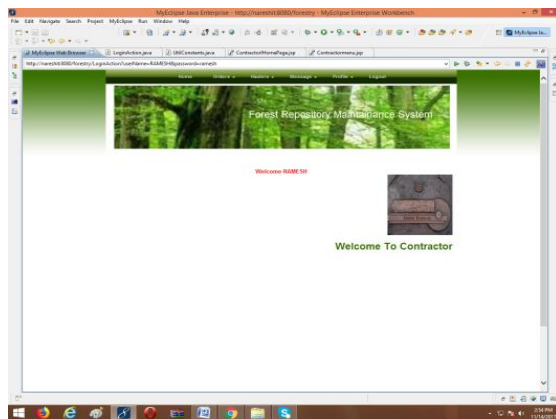
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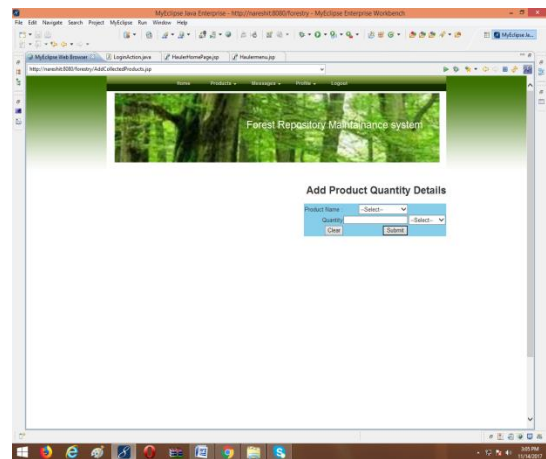
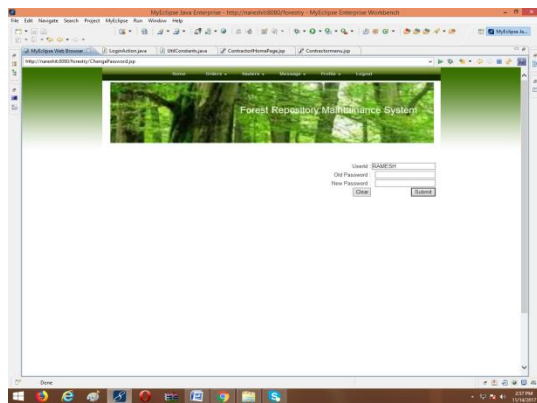
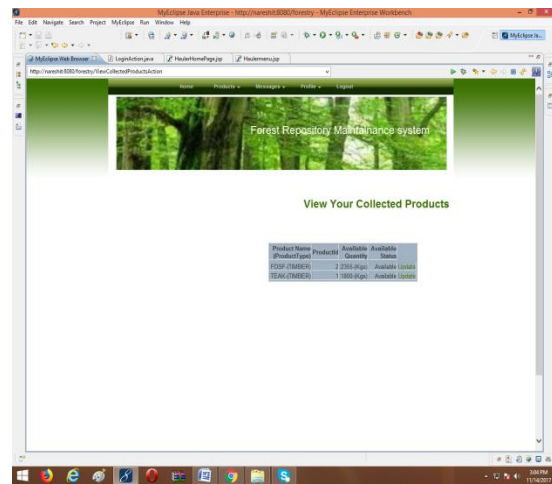
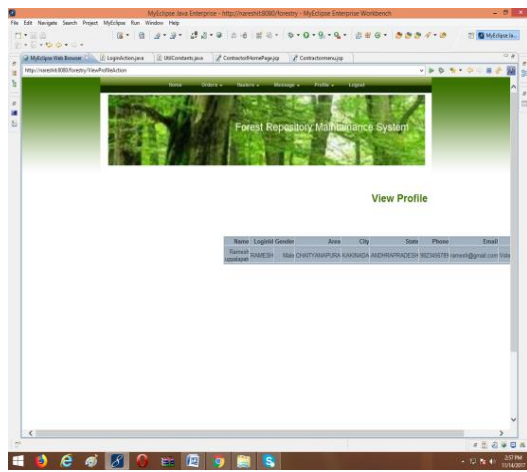
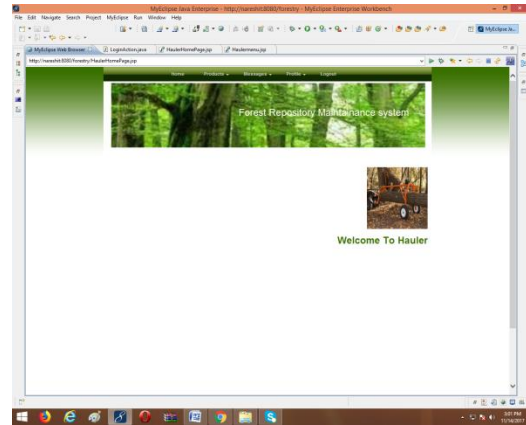
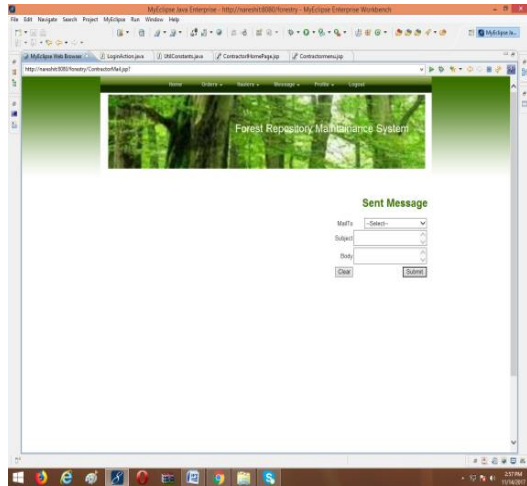




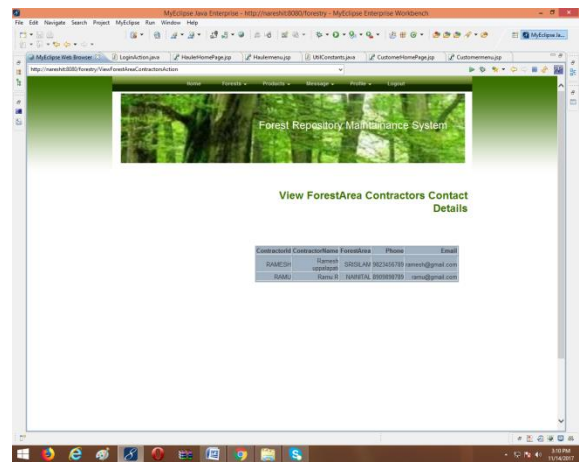
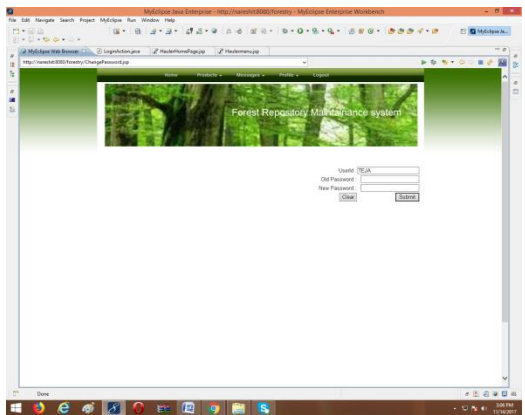
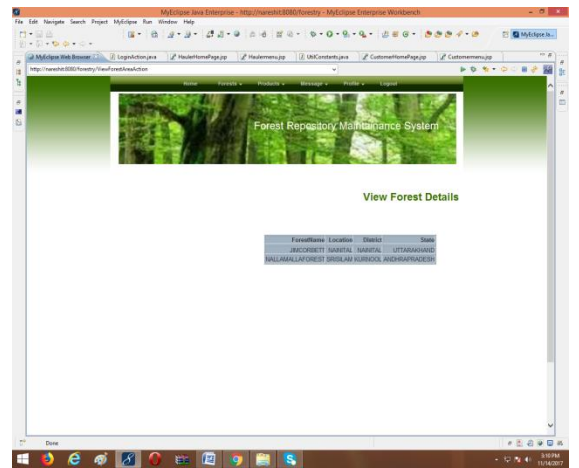
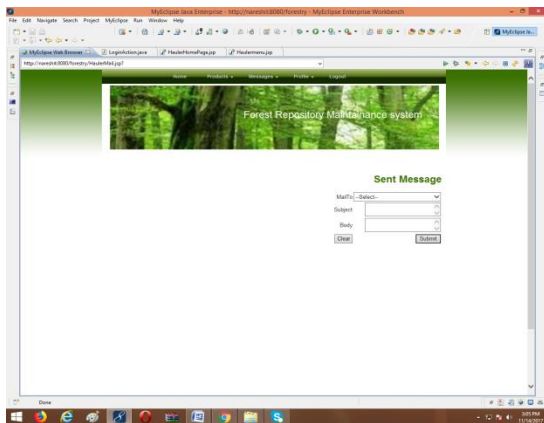
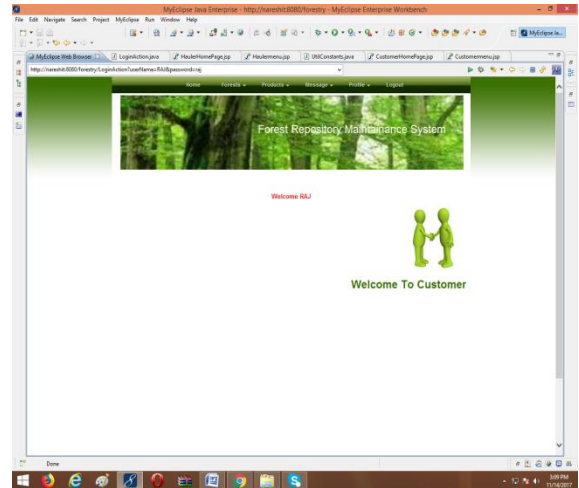
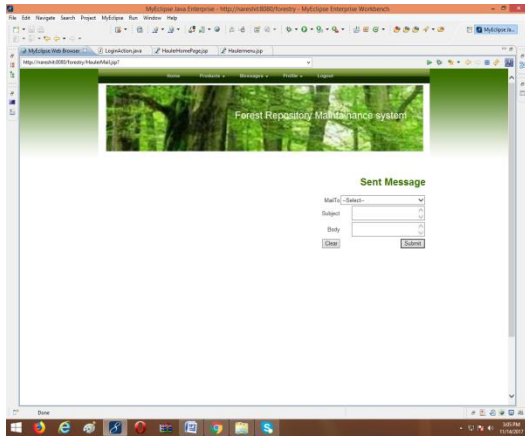


ForContractor



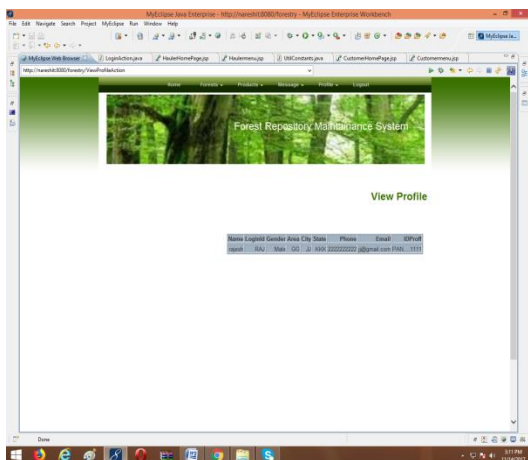
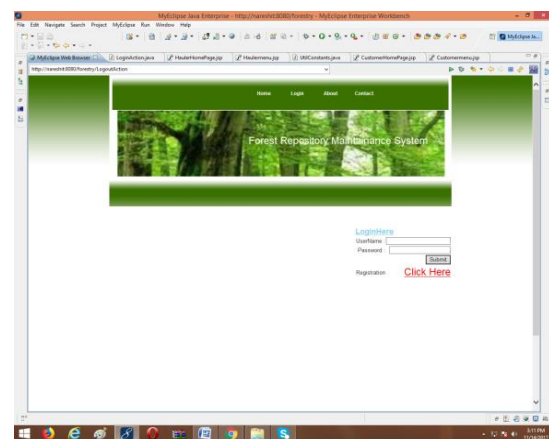
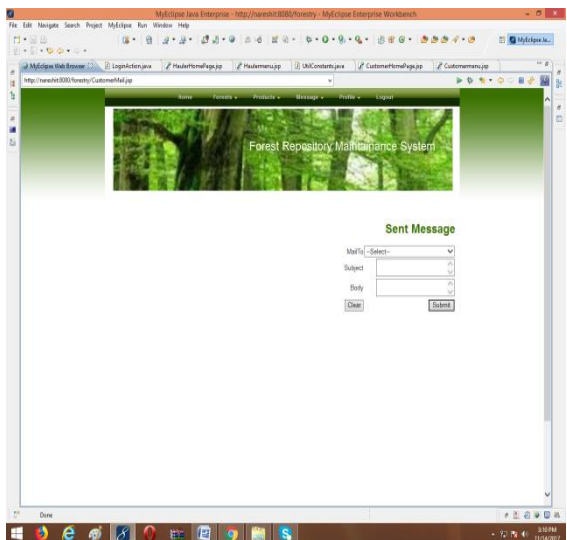
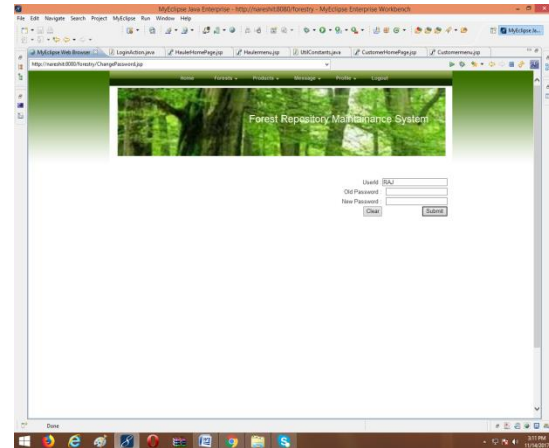
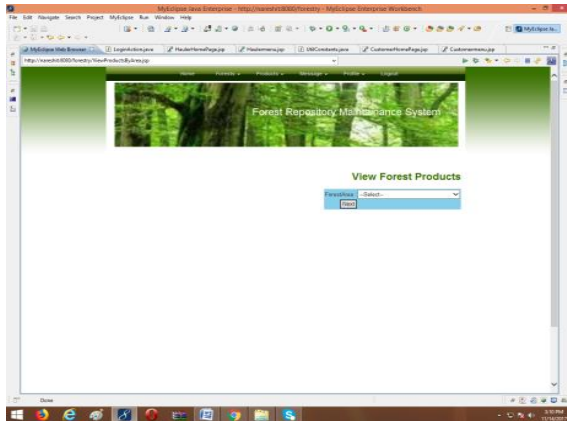


For Hauler:-



For Customer:-





#### IV. REFERENCES

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