**MINI PROJECT – II**

**(2019-20)**

# Automated Payment Reminder Application

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**SYNOPSIS**



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**About the Project:**

Reminder Application is an complete java based application which allow the user to gives reminder to a client about the payment dues of a certain purchase made.The Reminder are given by email or SMS on given date.

Also a reminder to the owner for certain goods on reaching the threshold value using pop window.Reminder software is a type of time management computer software that is designed to alert the user of important events that they have input to the program.

Most programs provide a calendar or list view of events, as well as a reminding technique. Most common reminding techniques are pop-up dialog boxes and auditory alarms.

It is used to sent the reminder of any event to notify the people. It provides functionality of creating and editing Reminder lists, sending reminders to the specified persons through email and SMS at the specified time and frequency. This application can be used stand alone or can be integrated with another portal as a service.

**Motivation:**

The motivation behind this project is that the customer is given the official reminders through Email or SMS of the payment dues so that the future business relationships would not affect.

Sometimes we come across many cases of the payment dues which the client refuses to pay after. Also, The client could not deny to pay remaining dues as the officially Email or Sms have been send to them.

**Future Prospects:**

Further modification that can be done in the system such as getting feedback from the clients for the past purchases made.

More modification can be getting pop windows about the products that have reached their threshold value in our stock, reminding the customers about their past purchases and their would have reached the threshold values.

Recommending the clients about the current and upcoming offers on certain products.

**Modules:**

* **Login Module:** This module is used to login in to the application.
* **Home page Module:** This module is used to traverse through the application in different pages.
* **New Customer Module:** This module will help in adding the new customer for the purchase.
* **Existing Customer Module:** This module will help in getting knowing the past purchases of customers.
* **Selling Form Module:** This module is used when the customer is interested in purchase.Also, this module will help in generating the receipt for the purchase made.

**Proposed Technologies:**

* **Java:** This is the basic need for this application. Java should be installed on the System.
* **Netbeans:** For building the application we need to install the Netbeans IDE.Both the front end i.e GUI and the Backend are used in netbeans.
* **Mysql:** For the backend we need Mysql Database installed on the system.All the Records of the application is handled by sql database.
* **Java Mail API:** To send the reminder Email through java application we need the java mail api installed on the system.

**Requirements:**

1. **Hardware:**

* **Hard disk – 16GB**
* **RAM – 2GB**
* **Processor(intel core i3)**
* **Cache -2GB**

1. **Software:**

**Java**

* **Netbeans IDE**
* **Java Mail API**
* **Mysql Database**