1. Customer Class  
class Address {

private String street;

private String city;

private String state;

private String zipCode;

public Address(String street, String city, String state, String zipCode) {

this.street = street;

this.city = city;

this.state = state;

this.zipCode = zipCode;

}

@Override

public String toString() {

return street + ", " + city + ", " + state + " - " + zipCode;

}

}

class Customer {

private int id;

private String name;

private Address address;

private String email;

private boolean isVerified;

public Customer(int id, String name, Address address, String email) {

this.id = id;

this.name = name;

this.address = address;

this.email = email;

this.isVerified = false;

}

// Getters and Setters

public int getId() {

return id;

}

public String getEmail() {

return email;

}

public void verifyEmail() {

this.isVerified = true;

}

@Override

public String toString() {

return "ID: " + id + ", Name: " + name + ", Address: " + address +

", Email: " + email + ", Verified: " + isVerified;

}

}

2. Admin Panel  
import java.util.ArrayList;

import java.util.Scanner;

public class AdminPanel {

private static ArrayList<Customer> customers = new ArrayList<>();

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

while (true) {

System.out.println("\n--- Admin Panel ---");

System.out.println("1. Add Customer");

System.out.println("2. View Customers");

System.out.println("3. Verify Customer Email");

System.out.println("4. Exit");

System.out.print("Choose an option: ");

int choice = scanner.nextInt();

switch (choice) {

case 1:

addCustomer(scanner);

break;

case 2:

viewCustomers();

break;

case 3:

verifyCustomer(scanner);

break;

case 4:

System.out.println("Exiting...");

return;

default:

System.out.println("Invalid option. Try again.");

}

}

}

private static void addCustomer(Scanner scanner) {

System.out.print("Enter Customer ID: ");

int id = scanner.nextInt();

scanner.nextLine(); // Consume newline

System.out.print("Enter Customer Name: ");

String name = scanner.nextLine();

System.out.print("Enter Address (Street, City, State, Zip Code): ");

String street = scanner.nextLine();

String city = scanner.nextLine();

String state = scanner.nextLine();

String zipCode = scanner.nextLine();

System.out.print("Enter Customer Email: ");

String email = scanner.nextLine();

Address address = new Address(street, city, state, zipCode);

customers.add(new Customer(id, name, address, email));

System.out.println("Customer added successfully!");

}

private static void viewCustomers() {

if (customers.isEmpty()) {

System.out.println("No customers available.");

} else {

System.out.println("\n--- Customer List ---");

for (Customer customer : customers) {

System.out.println(customer);

}

}

}

private static void verifyCustomer(Scanner scanner) {

System.out.print("Enter Customer ID to verify: ");

int id = scanner.nextInt();

boolean found = false;

for (Customer customer : customers) {

if (customer.getId() == id) {

customer.verifyEmail();

System.out.println("Customer email verified!");

found = true;

break;

}

}

if (!found) {

System.out.println("Customer not found.");

}

}

}