A PRELIMINARY REPORT ON

"Student Management System"

SUBMITTED TO THE EDUBRIDGE INDIA PRIVATE LIMITED

SUBMITTED BY

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ACKNOWLEDGMENT

It gives all of us great pleasure in presenting the preliminary project report on **"Student Management System"**. With due respect and gratitude we would like to take this opportunity to thank internal guide of our project **Mrs.Amruta Deore** for giving us all the help and guidance we needed. We are really grateful for his kind support. He has always encouraged us and given us the motivation to move ahead. He has put in a lot of time and effort in this project along with us and given us a lot of confidence. Also we wish to thank all the other people who have helped us in the successful completion of this project.

Miss. Wale Dipali Sampat

ABSTRACT

Student Management System can be used by education institutes to maintain the records of students easily. Achieving this objective is difficult using a manual system as the information is scattered, can be redundant and collecting relevant information may be very time consuming. All these problems are solved using this project. Student Management System is software which is helpful for students as well as the school authorities.In the activities are done manually.It is very time consuming.Our Student Management System deals with the various activities related to the students.

Chapter 1

INTRODUCTION

1.1   INTRODUCTION

The objective of Student Management System is to allow the administrator of any organization to edit and find out the personal details of a student and allows the student to keep up to date his profile .It'll also facilitate keeping all the records of students, such as their id, name, mailing address, phone number, DOB etc. So all the information about an student will be available in a few seconds. Overall, it'll make Student Management System an easier job for the administrator and the student of any organization. The main purpose of this SRS document is to illustrate the requirements of the project Student information System and is intended to help any organization to maintain and manage its student's personal data.We have to used different types of module in student management system.Throughout the project the focus has been on presenting information in an easy and intelligible manner.

1.2   SCOPE

Without a Student information System, managing and maintaining the details of the student is a tedious job for any organization. Student Information system will store all the details of the students including their background information, educational qualifications, personal details and all the information related to their resume .

1.3   SYSTEM REQUIREMENTS

1.3.1   Software Requirements

1. Operating System - Windows 10.

2. Platform - Eclipse IDE.

3. Language - Core java.

4. Files - JDK 16.0.2.

1.4 UML DIAGRAMS

1.4.1 Use case Diagram

The following UML use case diagram shows the working of a student management system.Moreover, it has eight use cases that show the particular functionality of the management system of the student. The eight use cases are; check id, check all info, Email-ID,email-id,update stud info,check grade,update grade,update courses,update year. A Administrator can check id, check all info,email-id,update stud info,check grade,update grade,update courses,update year. The administrator, on the other hand, can check id, year and course. The interactions of the student and the teacher are what sum up the student management use case diagram example.

1.5 MODULE

1.5.1 Login

Login module will help in authentication of user accounts .Users who have valid login id and password can only login into their respective accounts

- public void log()
  Scanner sc=new Scanner(System.in);
  System.out.println("***************WELCOME******************* ");
  System.out.println("user name :");
  String userName = sc.next();
  System.out.println("Enter user password : ");
  int password = sc.nextInt();
  System.out.println("User successfully login......... ")

1.5.2 Registration

This module will help the student get registered from anywhere if internet is present .This module will really simplify the task of on paper registration. Also after successful registration the user can update information and change their password as and when required.

- public String toString()
  return "Register [firstName=" + FirstName + ",

  lastName=" + LastName + ", password=" +

  Password + ", emailId=" + EmailId + ",

  phoneNo=" + PhoneNo + "]";

1.5.3 Student

To maintain details of the students such as storing information about: Student id,Student password,name, Student DOB,Student mailing address,Contact no,Contact no,Balance,Cost of course,Student Year.

```
Student[] students=new Student[numOfStudents]
for(int n=0; n¡numOfStudents;n++)  students[n]=new Student();
students[n].course();
students[n].payTution();
System.out.println(students[n].toString());
```

1.5.4   Test Student

All class object creation and call the all method here.

1)Login l=new Login ();

l.log();

2) Registration reg =new Registration();

reg.setMethod();

reg.getMethod(); through Encapsulation

3) Student stud=new Student();

1.6 ADVANTAGES
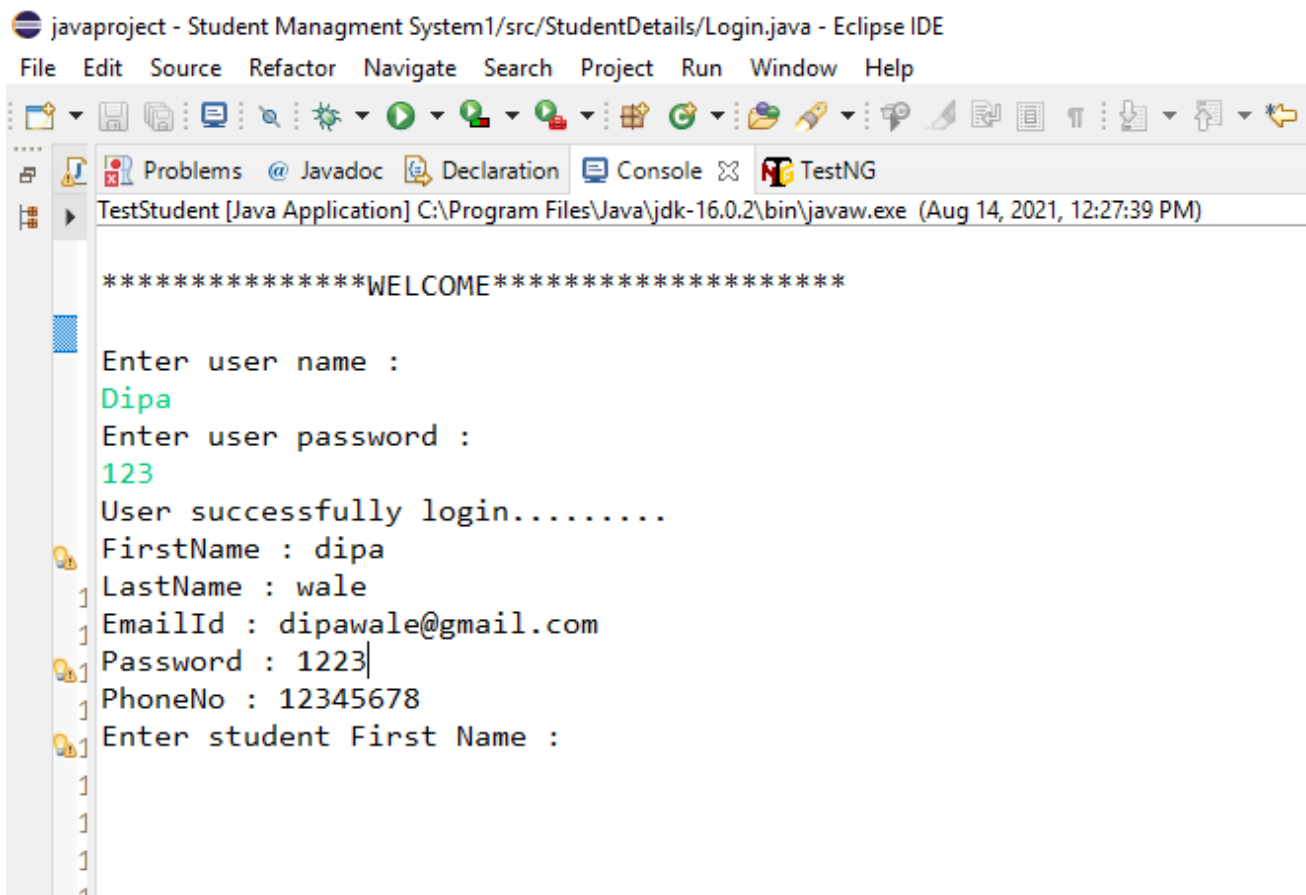
1. Eco-Friendly: paperwork can be avoided.

2. Efficient control over student data.

3. Single solution for total College management.

4. Cost-efficient and User-friendly.

5. Easy access to manage student information.

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Chapter 2

PROJECT IMPLEMENTATION

</div>

2.1 SCREENS

Login page

2.2   SCREENS

Registration page
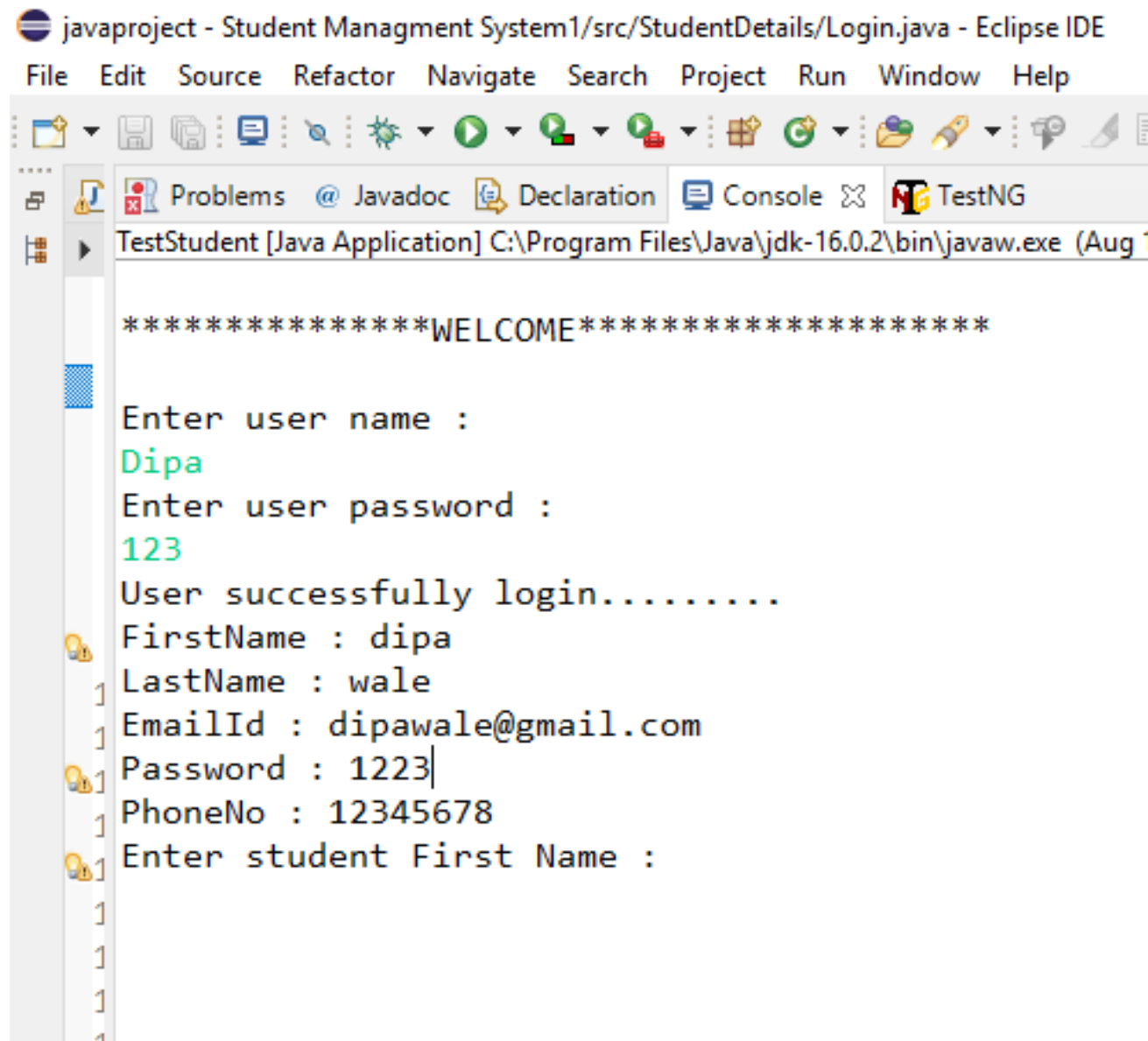
javaproject - Student Managment System1/src/StudentDetails/Login.java - Eclipse IDE

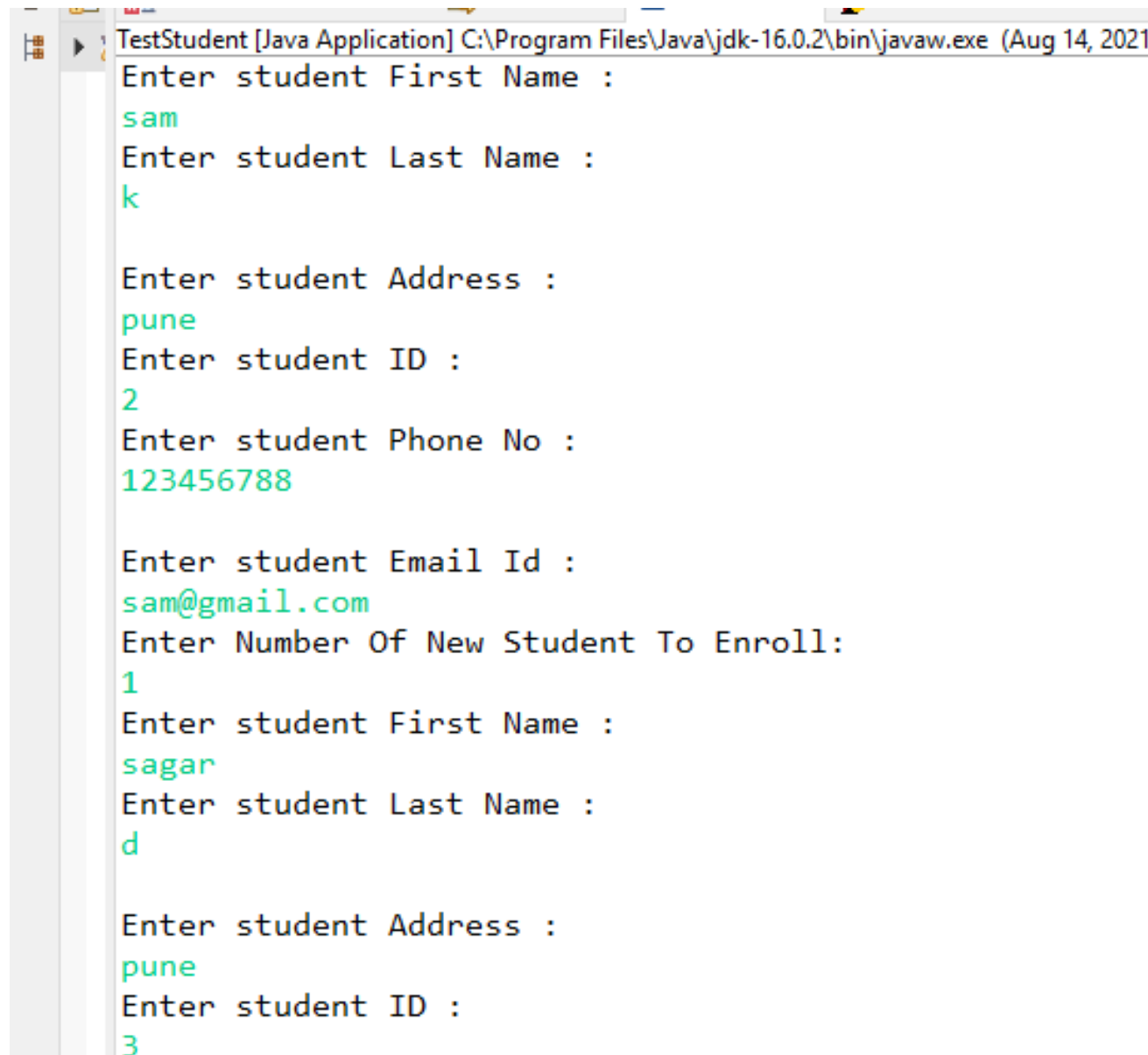File   Edit   Source   Refactor   Navigate   Search   Project   Run   Window   Help

Problems   @ Javadoc   Declaration   Console ⊠   TestNG

TestStudent [Java Application] C:\Program Files\Java\jdk-16.0.2\bin\javaw.exe (Aug

```
***************WELCOME********************

Enter user name :
Dipa
Enter user password :
123
User successfully login.........
FirstName : dipa
LastName : wale
EmailId : dipawale@gmail.com
Password : 1223
PhoneNo : 12345678
Enter student First Name :
```

2.3   SCREENS

Student


```
TestStudent [Java Application] C:\Program Files\Java\jdk-16.0.2\bin\javaw.exe  (Aug 14, 2021
Enter student First Name :
sam
Enter student Last Name :
k

Enter student Address :
pune
Enter student ID :
2
Enter student Phone No :
123456788

Enter student Email Id :
sam@gmail.com
Enter Number Of New Student To Enroll:
1
Enter student First Name :
sagar
Enter student Last Name :
d

Enter student Address :
pune
Enter student ID :
3
```
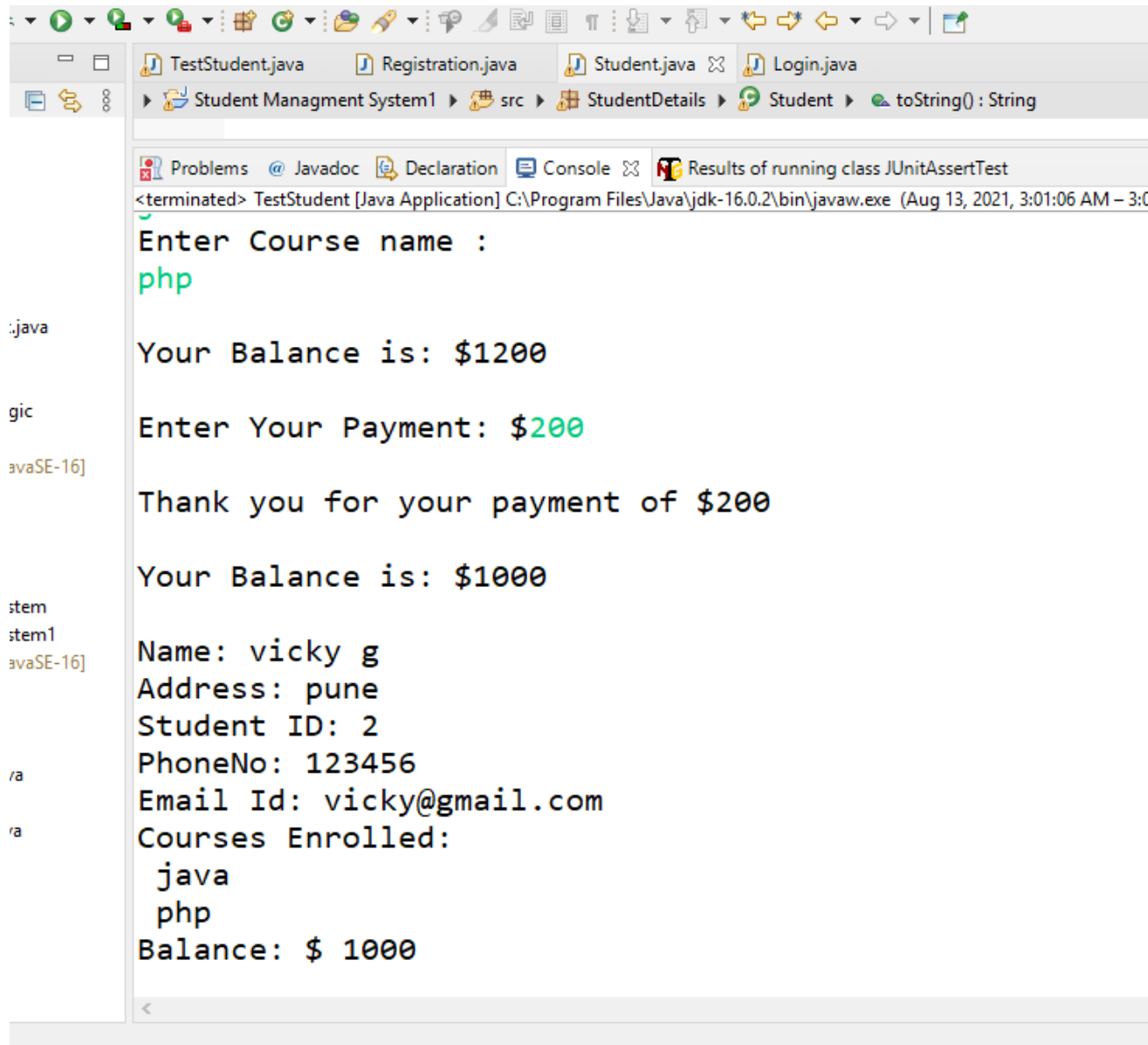
2.4 SCREENS

Test Student


```
Enter Course name :
php

Your Balance is: $1200

Enter Your Payment: $200

Thank you for your payment of $200

Your Balance is: $1000

Name: vicky g
Address: pune
Student ID: 2
PhoneNo: 123456
Email Id: vicky@gmail.com
Courses Enrolled:
 java
 php
Balance: $ 1000
```

Chapter 3

CONCLUSIONS

3.1   CONCLUSIONS

Student Management System can be used by educational institutions to maintain their student records easily. Achieving this objective is difficult using the manual system as the information is scattered, can be redundant, and collecting relevant information may be very time-consuming. All these problems are solved by this project.