NORTH WESTERN UNIVERSITY

KHULNA

Course Title: Object Oriented Programming Seasonal

CSE-2102

Report name: Student ID Card Generator

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Table of Contents

Introduction

This project is about Student Id Card Generator.This project is done using java programming language.Here we will see how we can take the inputs for ID Card and can print it,also we can save it manually.Java offers significant advantages over other languages and environments, making it suitable for virtually any programming task. Java is easy to learn since it was designed precisely to be simple to understand and use.The ID card generator program can be developed using various Java technologies, such as JavaFX for the graphical user interface (GUI) or Apache PDFBox for generating printable files. The process generally involves gathering student information through a user-friendly interface, processing the data, and generating an ID card template with the provided information.Hope this project will help you to build a ID Card.
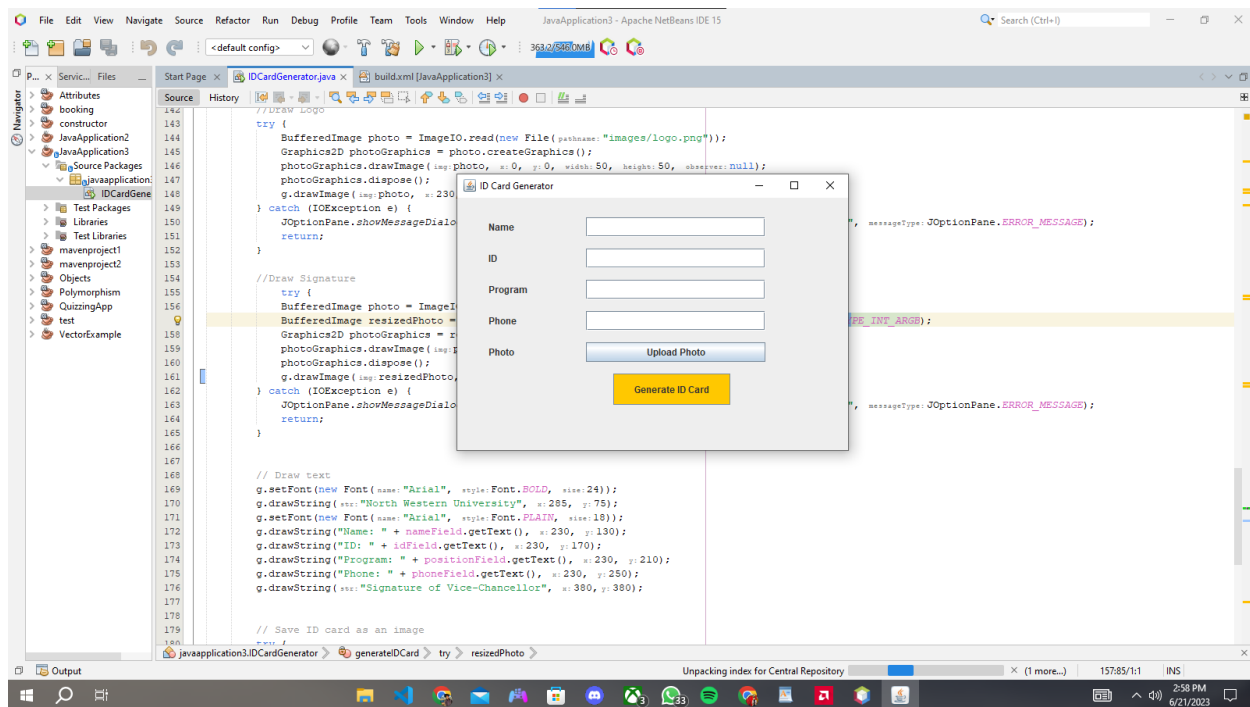
Objectives

The purpose of this lab project was to build a Student ID Card generator System.Student ID card generator in Java is a program that generates identification cards for students. It typically takes input such as the student's name, ID number, photograph, and other relevant information, and produces a visually appealing ID card as output.In this project we can take the inputs for the ID Card and we can print the ID Card by saving it manually.

Please note that the above steps provide a high-level overview, and the implementation details may vary depending on the specific requirements and libraries you choose to use.
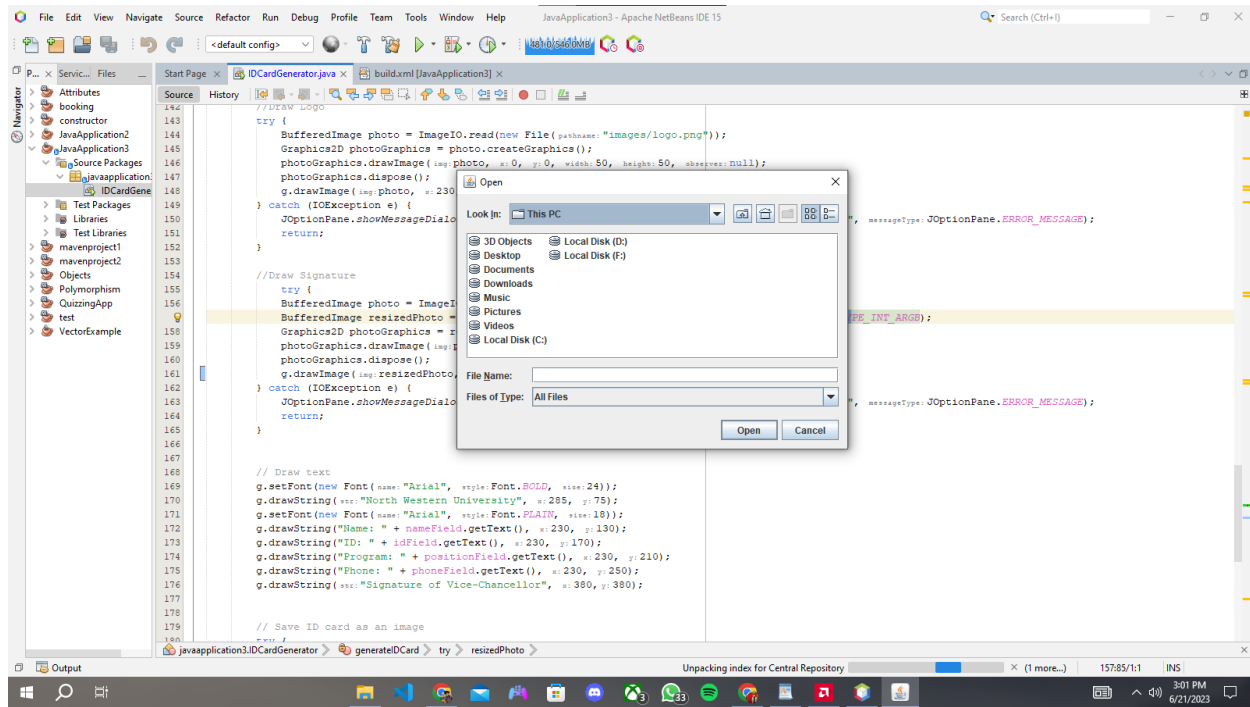
Description

<u>1.</u> **User Interface:**

Here is the interface of the project.
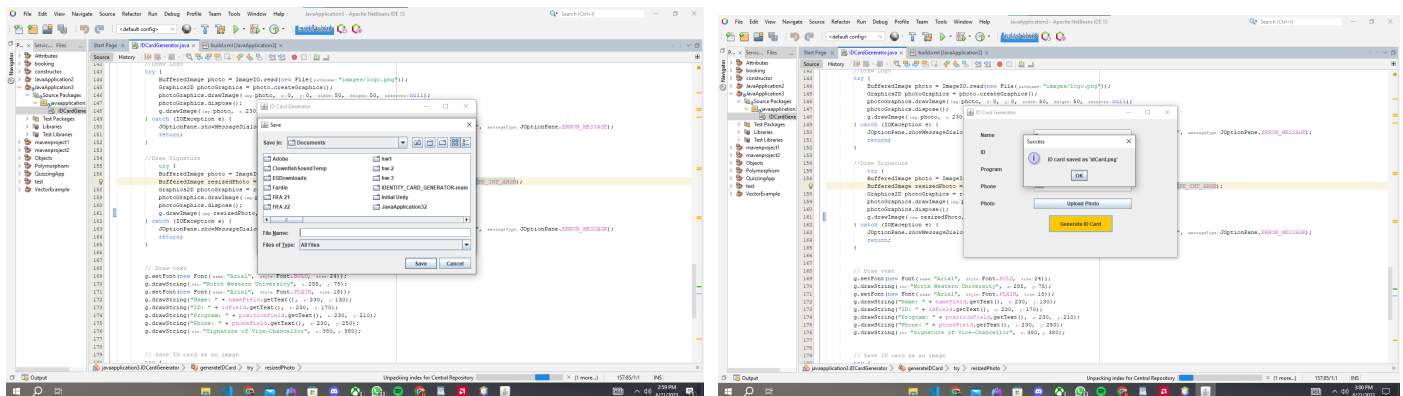
2. Choose Photo:

For generate ID user can choose his photo**.**

Here we can manually choose the pic for our ID card.

3. User Output

After pressing the generate Id Card Button the whole process is done and user can save the Id card manually and can print it .

Dependencies

NetBeans IDE 8.2: NetBeans IDE lets you quickly and easily develop Java desktop. For built this project we use Java language and Java Built in Packages. After Install all packages the project will run successfully.Remember to handle errors and validate user inputs appropriately throughout the process. It's important to ensure the security of the generated ID cards and protect sensitive student information.

Thank You..

North Western University Khulna,

Bangladesh