OOP PROJECT REPORT

University system

Our Project Has

PostgreSql DataBase	Visual Interface
OOP Principles	Interfaces
Custom exceptions	Almost fully functional program
Class inheritance	Password Generator

Crew group

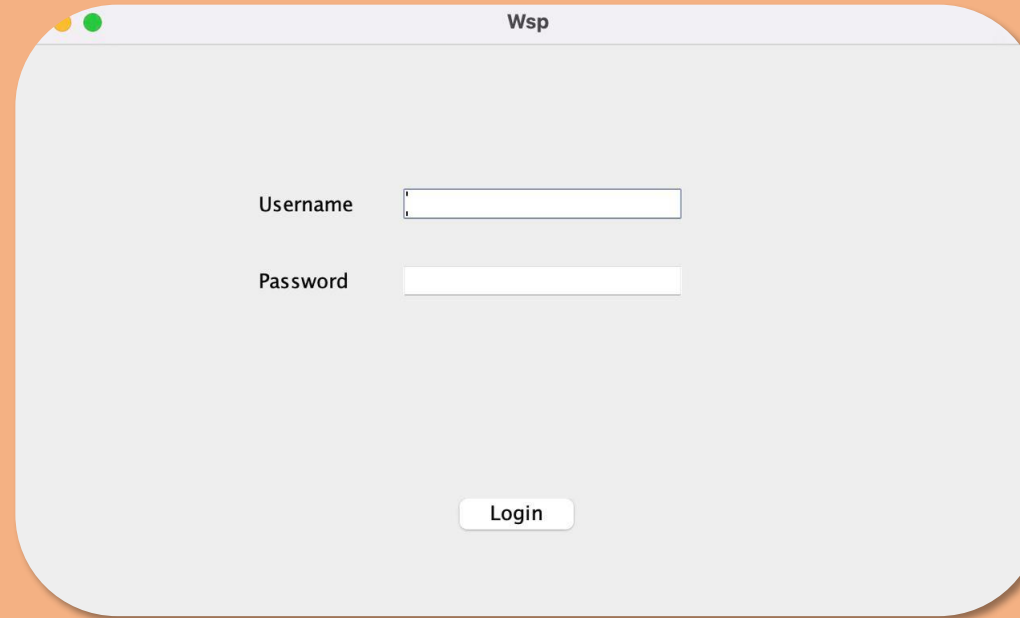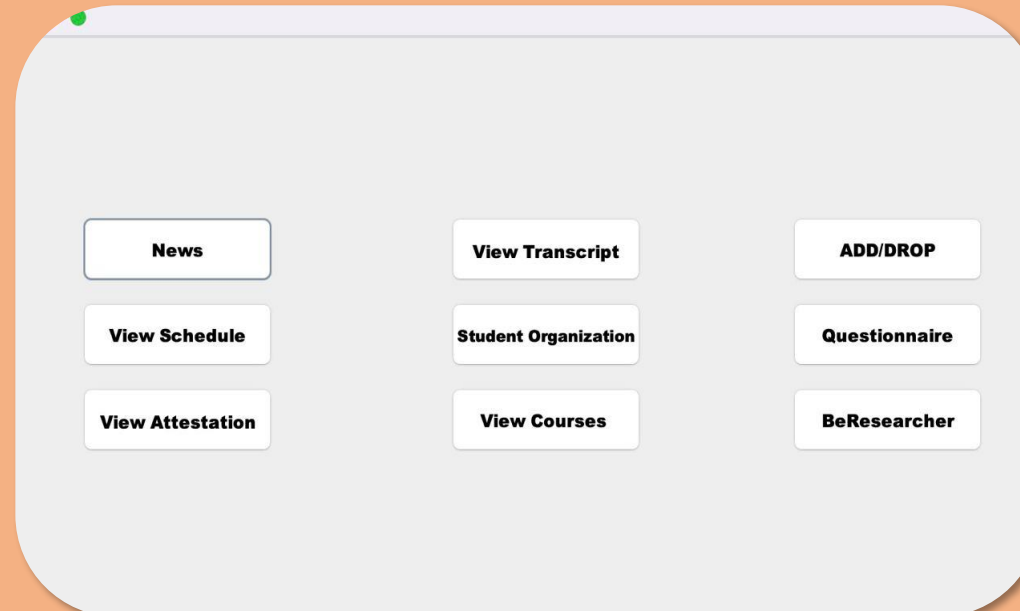|	
Leader	Moltabarov Amanzhol
Main programmer	Aidyn Nurzat
Class designer	Bekdaulet Aklima
UI Master	Zhumagulov Arlan

Main Feature

The main feature of our project is the presence of a visual interface. During the development of the project, we found using a regular console boring and decided to give a look to our project.

UI Work

Arlan was the main one working with the visual interface. His goal in the team was to develop the design of the project and the implementation of functions. In order to visually position the visual elements on the window, the WindowBuilder extension was used.

Wsp

Username

Password

Login

News

View Transcript

ADD/DROP

View Schedule

Student Organization

Questionnaire

View Attestation

View Courses

BeResearcher

Student Organizations

View Members

View Organization News

Leave From Organization

DataBase

For our database, we used Postgresql and connected it to Eclipse using the DB Management Tools extension. Our database stores all users, student grades, and complaints.

While working on the project, we learned how to implement a database in Java.

Linking a real database to our project was a difficult task, because in addition to knowing Java and the principles of OOP, we had to relearn the SQL language.
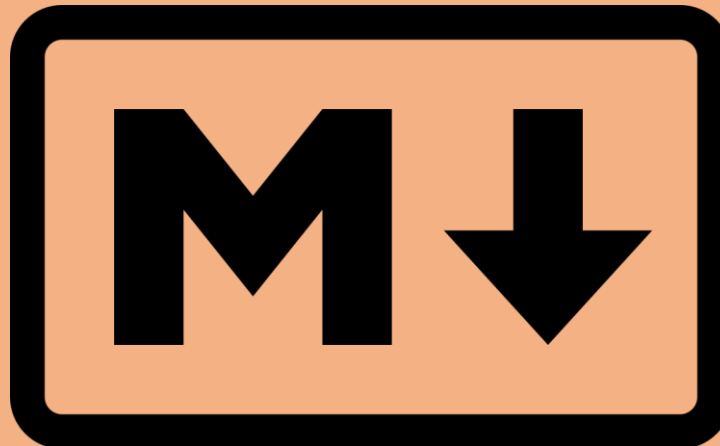
Working with Git and GitHub

Why GitHub

While we were working on the project, we faced the problem of working on the project at the same time. But the decision came quickly and it's GitHub. GitHub allows users to store, manage and collaborate on open source projects. That's why we chose him.

We also used the MarkDown language for markup on GitHub. There we recorded what things and functions were added.

GitHub Page

README

KBTU WSP Prototype

14.12.2023

Добавил интерфейс
Логины и пароли вписываются вручную Необходимо в пакете **main** в классе **System** добавить

```
Database.logpass.put("Login", "Password");
```

затем запуская класс **System** появляется окно регистрации

Kbtu Wsp

Login:

Password:

Login   Reset

..опка *Reset* очищает поля логина и пароля