OOP Final Project

"BURN OUT"
group

TEAM MEMBERS:

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Student

```java
System.out.println("-----Kazakh-British Technical University-----");
System.out.println("----------------Student mode----------------\n");
System.out.println("Please, choose on of the functions:\n"+ "\n"+
                   "0     : Logging out\n" +
                   "1     : View info about yourself\n" +
                   "2     : Register to course\n" +
                   "3     : Drop course\n" +
                   "4     : View available courses\n" +
                   "5     : View registered courses\n" +
                   "6     : Select time slot for lessons\n" +
                   "7     : View attestation\n"+
                   "8     : View transcript\n" +
                   "9     : View organizations\n"+
                   "10    : Join to organization\n" +
                   "11    : Make request\n" +
                   "12    : View Schedule\n" +
                   "13    : Put rate to teacher\n"+
                   "14    : View teacher's rate\n"+
                   "15    : View list of books\n"+
                   "16    : View files of coure\n"+
                   "17    : View lessons");
```

Admin

```java
System.out.println("-----Kazakh-British Technical University-----");
System.out.println("-------------Admin's console-------------");
System.out.println("Please, choose on of the functions:\n"+
                   "1  : Update information about user\n" +
                   "2  : See log files\n" +
                   "3  : Create student\n" +
                   "4  : Create teacher\n" +
                   "5  : Create manager\n" +
                   "6  : Create librarian\n" +
                   "7  : View students\n" +
                   "8  : View teachers\n"+
                   "9  : View librarians\n"+
                   "10 : View Managers\n" +
                   "11 : View ALL users\n"+
                   "12 : Send Message\n" +
                   "13 : View Message\n" +
                   "14 : Delete user\n" +
                   "0  : Logging Out\n");
```

Librarian

```java
System.out.println("-----Kazakh-British Technical University-----");
System.out.println("-------------Librarian's console-------------");
System.out.println("Please, choose on of the functions:\n"+
                   "1 : Add book\n" +
                   "2 : Remove book\n"+
                   "3 : View requests\n" +
                   "4 : Manage requests\n" +
                   "5 : View news\n" +
                   "6 : View List of Books\n" +
                   "7 : Send Message\n" +
                   "8 : View Message\n" +
                   "0 : Logging out");
```

Teacher

```java
System.out.println("-----Kazakh-British Technical University-----");
System.out.println("-------------Teacher's console-------------");
System.out.println("Please, choose on of the functions:\n"+
                   "1 : Put marks\n" +
                   "2 : View List of Students\n" +
                   "3 : Add Files\n" +
                   "4 : View Files\n" +
                   "5 : View your courses\n" +
                   "6 : Send Message\n" +
                   "7 : View Message\n" +
                   "8 : See rating\n" +
                   "9 : Put attendance\n" +
                   "10 : Put time slot for lesson\n" +
                   "0 : Logging out");
```

Manager

```java
System.out.println("-----Kazakh-British Technical University-----");
System.out.println("-------------Manager's console-------------");
System.out.println("Please, choose on of the functions:\n"+
                   "1  : Create course\n" +
                   "2  : Assign teacher to a course\n" +
                   "3  : Create statistical report\n" +
                   "4  : Manage news\n" +
                   "5  : View all courses\n" +
                   "6  : Send Message\n" +
                   "7  : View Message\n" +
                   "8  : Manage request to registration\n" +
                   "9  : View requests\n"+
                   "10 : View news\n"+
                   "11 : Sort students alphabetically\n" +
                   "12 : Sort student by GPA\n"+
                   "13 : Sort teachers alphabetically\n" +
                   "14 : Add lesson to student\n" +
                   "0  : Logging out");
```

University system can do:

- All users can log in, log out and go to the main menu
- In the system, everyone is divided into roles with their own capabilities
- User: When logging in, everyone sees the news and go back to the menu
- Admin: creates and deletes users, changes password, faculty and login, sees all users
- Employee: stores all data related to employees - teacher, manager and librarian, as well as write and read their messages
- Teacher: set grades, view all students, add and view files, see your courses and rating
- Manager: create courses, add teachers to the course, see all courses, requests, news, monitor news, registration requests, sort teachers and students
- Librarian: add and delete books, see and accept requests, see a list of books, news
- Student: see information about himself, register for courses and drop, see all possible courses, choose a time for lessons, log in to organizations, rate the teacher, view the certification, transcript, organizations, schedules, teacher evaluations, files and a list of books

University system can not:

- There is no technical support or service
- There are no theses or articles for teachers
- Students cannot return books, specific courses
- No implementation of researcher ☹

University system can do bonus:

ISSUED SCHEDULE

VISUAL TRANSCRIPT AND SCHEDULE

Conclusion

After analyzing the work done, you can summarize that the work was done in detail and thoughtfully.

Together with the team, we discussed each step, how best to perform and implement it. After spending a lot of time discussing, they got to work, everyone had their own responsibilities, which they fulfilled. Working on this project, we developed our hard and soft skills, learned how to work clearly and clearly in a team, used various services to work, check and study the materials necessary for the project. We repeated and consolidated the knowledge gained in the lessons and implemented serialization, polymorphism, inheritance, patterns and methods. It was very interesting to do this work, although it was not without difficulties, but in the end everything works.

 Thank you very much to the teacher and wonderful person Shamoi Pakita for giving such a wonderful project and always helping when something was difficult, giving advice and improving the quality of the project