

Teastu – narzędzie ułatwiające komunikację między studentami a wykładowcami.

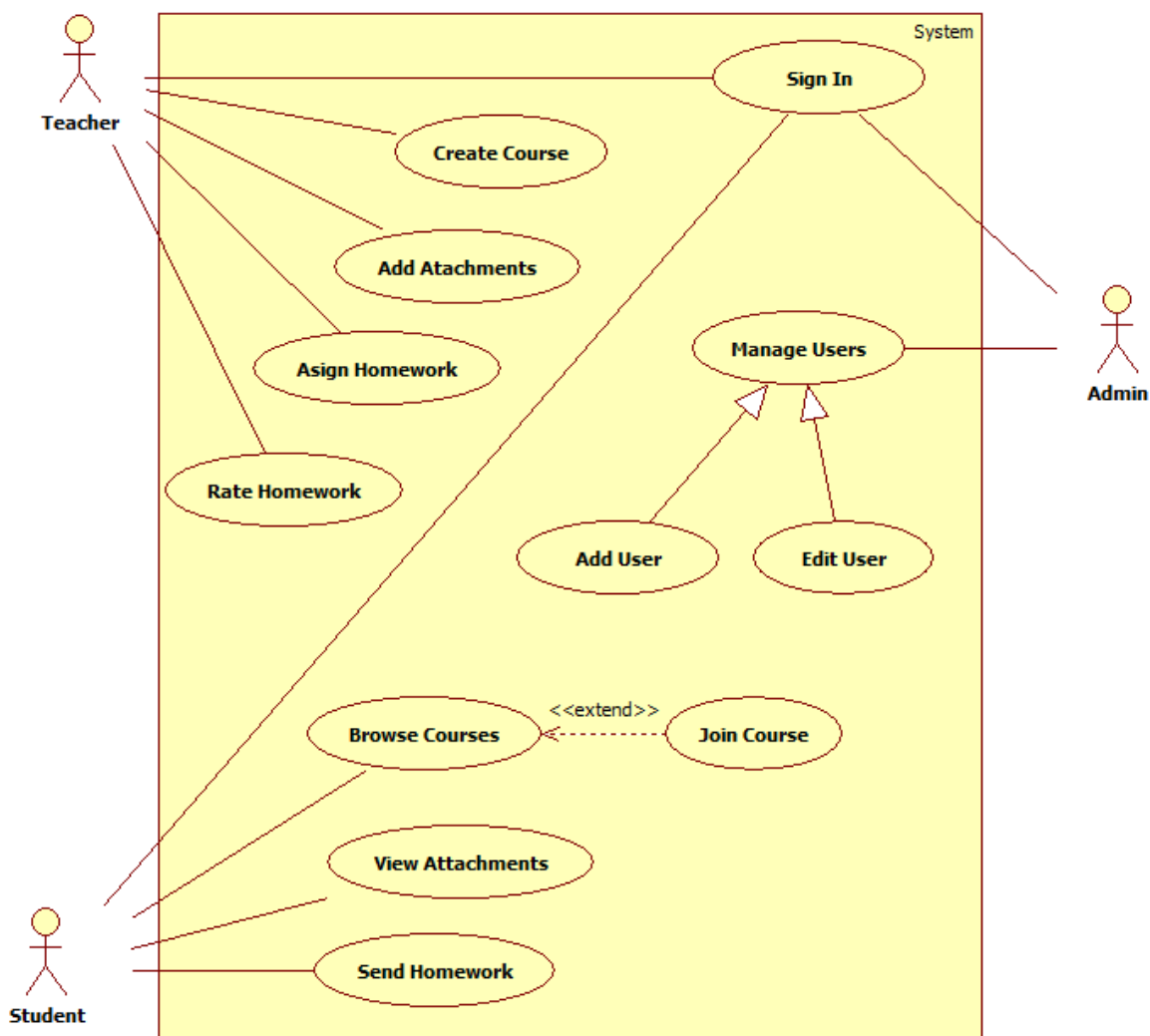
Autorzy:

- Jan Górniak
- Mikołaj Pietroń
- Mateusz Zuń

Dziedzina problemu: Ułatwienie komunikacji między studentami a wykładowcami za pomocą narzędzia umożliwiającego udostępnianie materiałów z zajęć oraz obsługę prac domowych.

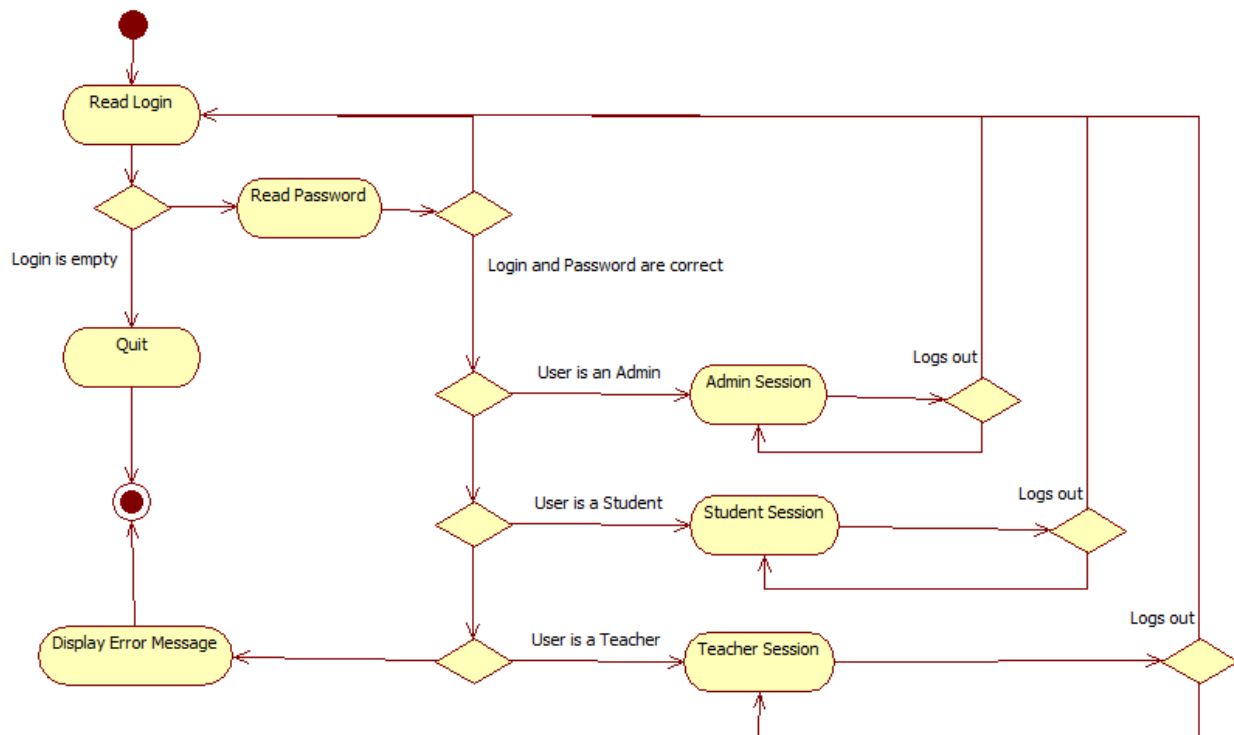
Koncepcja początkowa: Postanowiliśmy stworzyć aplikację konsolową podobną do „Wirtualnego Kampusu”.

Analiza:



Na powyższym diagramie umieściliśmy funkcjonalności, które naszym zdaniem system powinien udostępniać, aby spełnić wymagania użytkowników.

Projektowanie:



Powyższy diagram przedstawia ogólną pętlę wykonywaną przez program, z wyszczególnionym systemem logowania.

Implementacja:

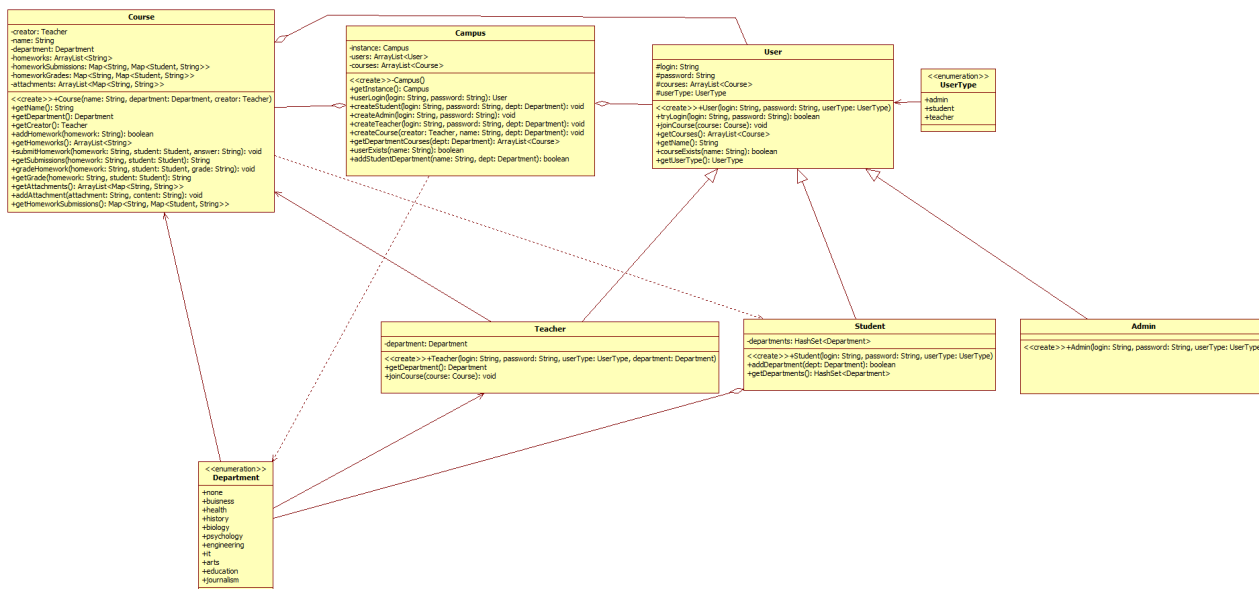
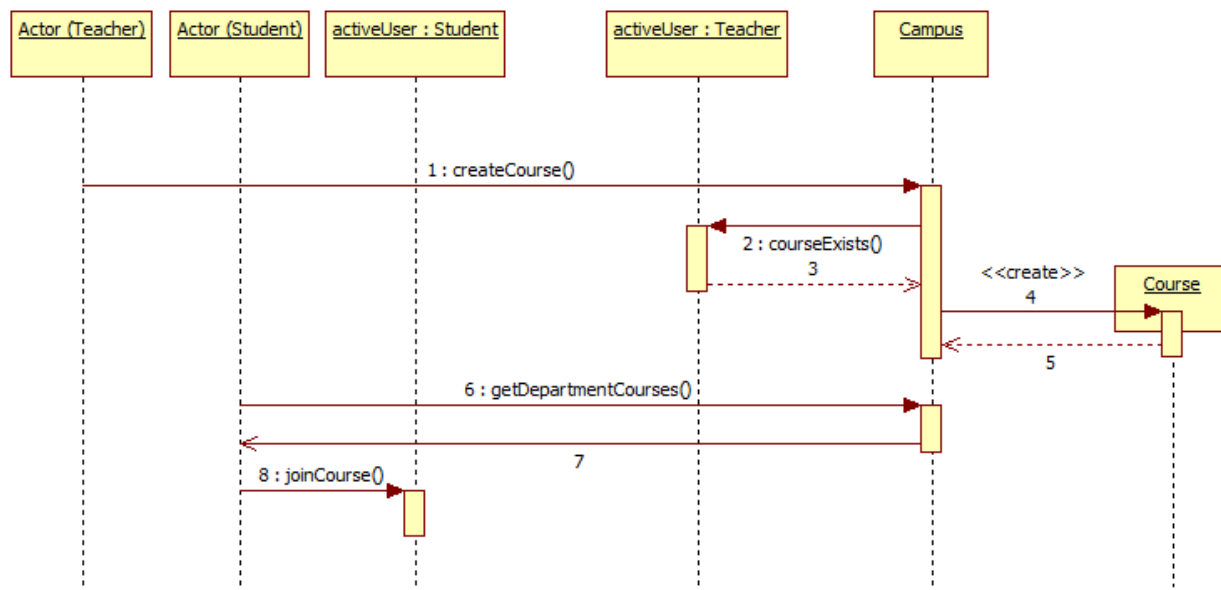


Diagram klas.



Przykładowy diagram sekwencji, przedstawiający jeden z możliwych przebiegów utworzenia kursu przez nauczyciela i dołączenia do niego przez studenta.

Testowanie:

Logowanie jako administrator, tworzenie nowego nauczyciela oraz przypisywanie istniejącego studenta do nowego wydziału.

Welcome to Teastu! Please log in to begin your learning journey :D :D

Type your login (empty to exit): *Admin*

Type password: *Admin*

=== Admin Menu ===

1: Add users

2: Modify Users

Empty: Logout

1

=== Adding new User ===

Enter new user's login.

Punctuation symbols disallowed, press ENTER to go back: *teachbio*

Enter new user's password.

Spaces disallowed, symbols allowed are ! # \$ % & * + - , . ? @ | ,
press ENTER to go back: *teachbio*

Choose new user's type - A for admin, S for student, T for teacher: *T*

Choose new user's department - none for no department.

Select department by number:

1: business

2: health

3: history

4: biology

5: psychology

6: engineering

7: it

8: arts

9: education

10: journalism

4

User created successfully.

```
User created successfully.

=== Admin Menu ===
1: Add users
2: Modify Users
Empty: Logout
2
=== Adding new Student Department ===

Enter modified student's login: stud1
Select department by number:
1: business
2: health
3: history
4: biology
5: psychology
6: engineering
7: it
8: arts
9: education
10: journalism
4
Student added to department successfully.
```

Testowanie tworzenia kursów przez nauczycieli, oraz dołączanie studentów do nich, przede wszystkim dla studentów należących do wielu wydziałów.

Type your login (empty to exit): *teachbio*

Type password: *teachbio*

=== Teacher Menu ===

1: View my courses

2: Create new course

Empty: Logout

2

Enter course name: *Biology Intro*

Do you want to make the course with no assigned department, available to all students? y/N

=== Teacher Menu ===

1: View my courses

2: Create new course

Empty: Logout

Are you sure you want to quit? y/N

y

Type your login (empty to exit): *teach1*

Type password: *teach1*

=== Teacher Menu ===

1: View my courses

2: Create new course

Empty: Logout

2

Enter course name: *IT Intro*

Do you want to make the course with no assigned department, available to all students? y/N

=== Teacher Menu ===

Type your login (empty to exit): *stud1*

Type password: *stud1*

=== Student Menu ===

1: View already joined courses

2: View courses available for joining

Empty: Logout

2

=== Courses You Can Join ===

INDEX	Name	Creator	Department
-------	------	---------	------------

0	Biology Intro	teachbio	biology
---	---------------	----------	---------

1	IT Intro	teach1	it
---	----------	--------	----

Type the index of the course which you want to join (Empty to go back)

0

You've successfully joined the course!

=== Courses You Can Join ===

INDEX	Name	Creator	Department
-------	------	---------	------------

0	IT Intro	teach1	it
---	----------	--------	----

Type the index of the course which you want to join (Empty to go back)

0

You've successfully joined the course!

=== Courses You Can Join ===

INDEX	Name	Creator	Department
-------	------	---------	------------

Type the index of the course which you want to join (Empty to go back)

=== Student Menu ===

1: View already joined courses

2: View courses available for joining

Empty: Logout

1

=== Your Joined Courses ===

INDEX	Name	Creator	Department
-------	------	---------	------------

0	Biology Intro	teachbio	biology
---	---------------	----------	---------

1	IT Intro	teach1	it
---	----------	--------	----

Type the index of the course whose menu you want to open (Empty to go back)

Dodawanie prac domowych oraz ich ocenianie

```
=== Your Created Courses ===
INDEX   Name      Department
0    IT Intro    it
Type the index of the course whose menu you want to open (Empty to go back)
0

=== Course Menu: IT Intro ===
1: Homework session
2: Attachments session
Empty: Go back
1

=== Homework Session ===
1: View homeworks
2: Add homework
3: Grade homeworks
Empty: Go back
2
Enter homework description: Build a spaceship from scratch
Homework added successfully.
```

```
=== Course Menu: IT Intro ===
1: Homework session
2: Attachments session
Empty: Go back
1

=== Homework Session ===
Homework List:
1. Build a spaceship from scratch [Not submitted]
Type homework number to submit or ENTER to go back:
1
Enter your answer:
<Schematics and photos of the built spaceship>
Submission received!
```


=== Your Created Courses ===

INDEX	Name	Department
0	IT Intro	it

Type the index of the course whose menu you want to open (Empty to go back)

0

=== Course Menu: IT Intro ===

1: Homework session

2: Attachments session

Empty: Go back

1

=== Homework Session ===

1: View homeworks

2: Add homework

3: Grade homeworks

Empty: Go back

3

Choose the homework you want to grade:

1. Build a spaceship from scratch

1

List of submitted homeworks:

1. stud1 - Answer: <Schematics and photos of the built spaceship> - Grade: No grade.

Pick the student number to grade the homework:

1

Grade:

Excellent

Grade saved!