**Military project (Sykhiv Gang-1)**

The goal of the project is to provide an easy and convenient way to manage military storage and register brigades for receiving equipment. The system allows to create brigades or join one of them, simplifies the way of managing provided items.

**Roles:**

|  |  |
| --- | --- |
| Role | Description |
| Commander | Register in a system, log in/log out, create brigade, view  statistics about soldiers, their ammunition, weapon, equipment and other. Write changes about amount of items that currently are in storages and in use by soldiers. |
| Soldier | Register in a system, log in/log out, view a list of soldiers who registered in his brigade, view statistics about his own brigade, create a request for more items if needs to |
| Admin | Can view info about users, brigades and statistics. Can manage everything. |
| Volunteer | Can pick one of brigades for delivering them needed items. Can filter brigades by city, name or by percentage of lacking items. |

**Course Management System**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **№** | Role | Use case | Description | Action name | Tests |
|  |  |  | Add a course to the |  |  |
| **1** |  | Create a  course | system. Add a  description of this |
|  |  |  | course. |
| **2** | Teacher | Edit a course | Edit the name of a course and its description. |  |  |
| **3** |  |  |  |  |
|  | Delete a | Delete a course |
|  | course | from the system. |
|  |  |  | View the list of |  |  |
| **4** |  | View  students | students who  registered for a |
|  |  |  | course. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **5** |  | View their a course | Can see the name of a course, its description and the teacher. |  |  |
| **6** | Manage account | Edit personal information, delete an account, change a password. |  |  |
| **7** | Student | View a course | Can see the name of a course, its description and the  teacher. |  |  |
| **8** | Enroll for a course | Select a course. |  |  |
| **9** | Edit choice | Cancel their choice  and enroll for another course. |  |  |
| **10** | View courses | View the list of  courses that student chose. |  |  |
| **11** | Manage account | Edit personal information, delete  an account, change a password. |  |  |

**Account Management System**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **№** | Role | Use case | Description | Action name |
| **1** | Guest | Sign up | Sign up in a system |  |
| **2** | Log in | Log in to a system |  |
| **3** | Teacher/student | Log out | Log out of a system |  |

**User Management System**

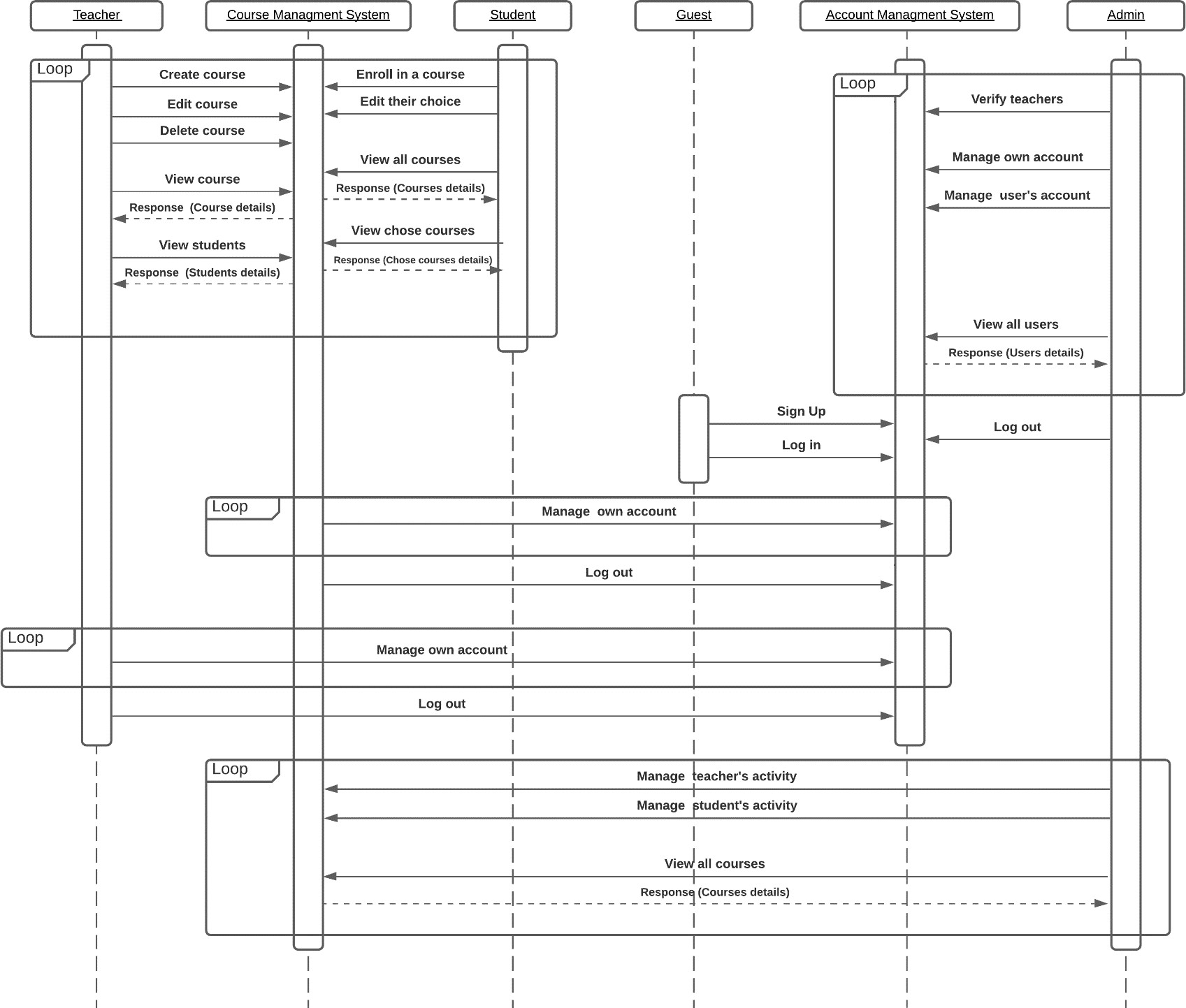
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **№** | Role | Use case | Description | Action name | Tests |
|  |  |  | Enroll for a course or |  |  |
| **1** |  | Edit student’s  choice | cancel their choice  and enroll for |
|  |  |  | another course. |
| **2** |  | Edit teacher’s course | Edit a name and a description of a course. |  |  |
|  |  |  | Create a new course. |  |  |
|  |  |  | Add information |
| **3** |  | Create a  course | about the name of a  course, its |
|  |  |  | description and |
|  |  |  | assign it to a teacher. |
| **5** | Admin | Delete a course | Delete a course from the system. |  |  |
| **6** |  | Add user | Add a new teacher/student to a system |  |  |
| **7** |  | View courses | View the list of courses that student chose. |  |  |
| **8** |  | View users | View the list of users. |  |  |
| **9** |  | Manage user’s account | Edit personal information, delete an account, change  a password. |  |  |

**Tests**

|  |  |  |  |
| --- | --- | --- | --- |
| **№** | Test class | Test method | Code coverage |
|  |  |  |  |

**Use case diagrams**

**Sequence diagram**



**ER-diagram**

**A diagram of a computer

Description automatically generated**

**MOCKUPS**

Choose

A screenshot of a computer

Description automatically generated

Login

A screenshot of a login screen

Description automatically generated

Create account

A screenshot of a login form

Description automatically generated

List of ammunition brigade is provided with

A screenshot of a computer

Description automatically generated

List of soldiers in brigade

A screenshot of a computer

Description automatically generated

List of weapon brigade is provided with

A screenshot of a computer

Description automatically generated

Adding new soldier to brigade

A screenshot of a computer

Description automatically generated

Adding new ammunition

A screenshot of a computer

Description automatically generated