

## SubChoice

The goal of the project is to provide an easy and convenient way to select and register for a free-choice elective. The system allows to create courses, enroll for these courses and edit their description.

### Roles :

Role	Description
Student	Register in a system, log in/log out, choose a course, view a description of a course, enroll in a course, view a list of chose courses, edit chose courses.
Teacher	Register in a system, log in/log out, view a list of students who registered for their course, create a course, edit a description of a course, delete a course.
Admin	Can view info about users. Edit student's choice, edit teacher's course, create a course, add teachers/students to the system.
Guest	A user that isn't logged in. Can sing up and log in.

### Course Management System

No	Role	Use case	Description	Action name	Tests
1	Teacher	Create a course	Add a course to the system so the course will be visible.		
2		Add a course description	Add a description of any selected course to the system so the course description will be visible and clear what is the course about.		
3		Edit course name	Edit the name of a course so it will be		

		changed in the system		
<b>4</b>	Edit course description	Edit the description of a course so it will be changed in the system		
<b>5</b>	Delete course description	Delete a course description from the system so the course will be without a description		
<b>6</b>	Delete a course	Delete a course from the system so the course and it's description will be not visible.		
<b>7</b>	View students	View the list of all students so I can register them for a course.		
<b>8</b>	View course students	View the list of course students so I can know who is registered for a course.		
<b>9</b>	See any student course's description	See any student course's description so I can understand what is taught in the course		
<b>10</b>	See any student's courses	See any student's courses name list so I can know what courses the student is taking.		
<b>11</b>	See any student's teachers	See any student's teachers, so I can contact them if needed		

<b>12</b>		Edit personal information	So, the personal information will be changed for me		
<b>13</b>		Delete an account	So, I will not be able to login in the system		
<b>14</b>		Change a password	So, I can login with different password when it's changed		
<b>15</b>		Use the system on all versions of Windows from Windows 95 on	So, it's available and responding		
<b>16</b>		See all the text in English	So, I can read it		
<b>17</b>		I want the response to any request less than in 3.5 seconds	So, I don't wait too long and don't become angry		
<b>18</b>	Student	View course name	Can see the name of a course so I can read it.		
<b>19</b>		Enroll for a course	So, I can select a course to study.		
<b>20</b>		View course description	So, I can understand what the course is about		
<b>21</b>		View course teacher	So, I can understand who teaches the course		
<b>22</b>		Edit choice	So, I can cancel my choice and enroll for another course.		

<b>23</b>	View courses	I can view the list of all courses and I can see all my course options		
<b>24</b>	View my courses	So, I can see the list of courses I chose.		
<b>25</b>	Edit personal information	So, the personal information will be changed for me		
<b>26</b>	Delete the account	So, I will not be able to login in the system		
<b>27</b>	Change the password.	So, I can login with different password.		
<b>28</b>	Use the system on all versions of Windows from Windows 95 on	So, it's available and responding		
<b>29</b>	See all the text in English	So, I can read it		
<b>30</b>	I want the response to any request less than in 3.5 seconds	So, I don't wait too long and don't become angry		

## Account Management System

№	Role	Use case	Description	Action name
31	Guest	Sign up	Sign up in a system as a teacher or as a student so I can login	
32		Log in	Log in to a system so I can perform all available system actions	
33		I want the response to any request less than in 3 seconds	So, I'll not look for another product	
34	Student	Log out	Log out so I am not able to do any actions in the system	
35	Teacher	Log out	Log out so I am not able to do any actions in the system	

## User Management System

№	Role	Use case	Description	Action name	Tests
36		Edit student's choice	Enroll for a course or cancel their choice and enroll for another course so the student can see the changes.		

<b>37</b>	Admin	Edit a name of a course.	So, another name will be visible in the system		
<b>38</b>		Edit a description of a course.	So, another course description will be visible in the system		
<b>39</b>		Create a course	Create a new course. Add information about the name of a course, its description so it will become visible in the system for all enrolled users		
<b>40</b>		Assign a course to a teacher	So, the teacher will see the course he/she is assigned to.		
<b>41</b>		Delete a course	Delete a course so it will disappear from the system.		
<b>42</b>		Add user	Add a new teacher/student to a system so they can login.		
<b>43</b>		View all courses	View the list of courses so I can see all existing courses in the system		
<b>44</b>		View student's courses	So, I can know what courses student chose.		
<b>45</b>		View student's teachers	So, I can know who a student is taught by.		
<b>46</b>		View users	View the list of all existing users so I can delete or edit their information.		
<b>47</b>		Edit student personal information	So, the personal information will be changed for the student		

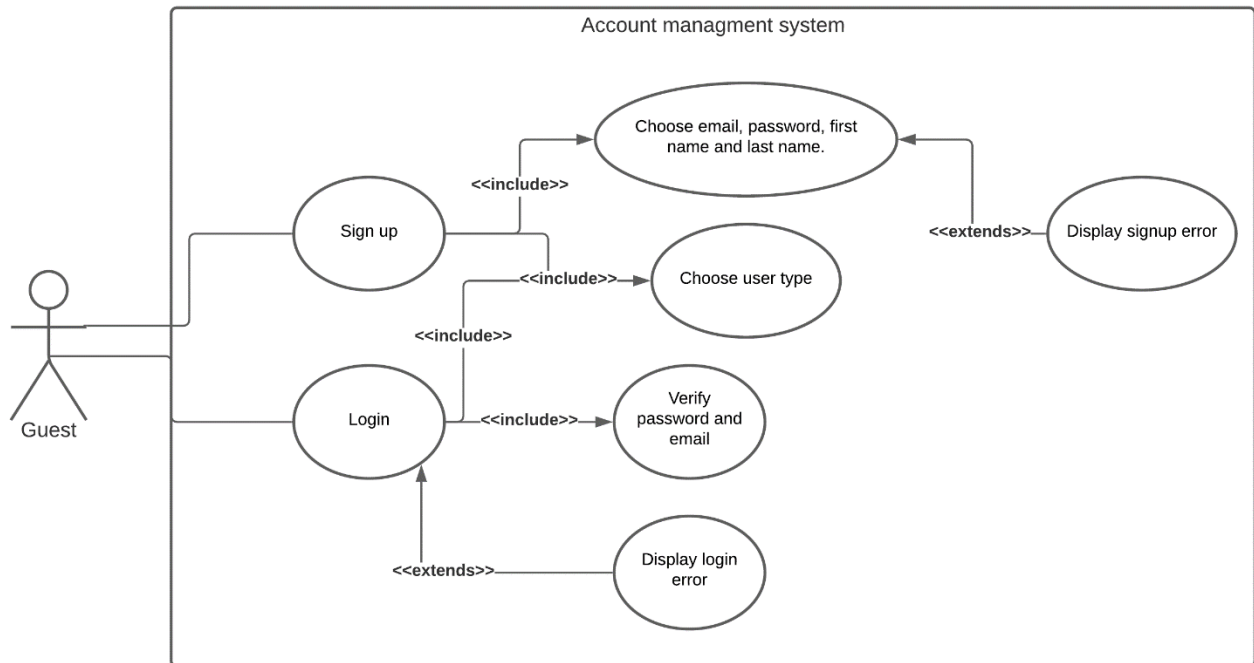
<b>48</b>	Delete a student account	So, the student will not be able to login in the system		
<b>49</b>	Change a student password	So, the student can login with different password.		
<b>50</b>	Edit teacher personal information	So, the personal information will be changed for the teacher		
<b>51</b>	Delete a teacher account	So, the student will not be able to login in the system		
<b>52</b>	Change a teacher password	So, the teacher can login with different password.		
<b>53</b>	Use the system on all versions of Windows from Windows 95 on	So, it's available and responding		
<b>54</b>	See all the text in English	So, I can read it		
<b>55</b>	I want the response to any request less than in 3.5 seconds	So, I don't wait too long and don't become angry		

## Tests

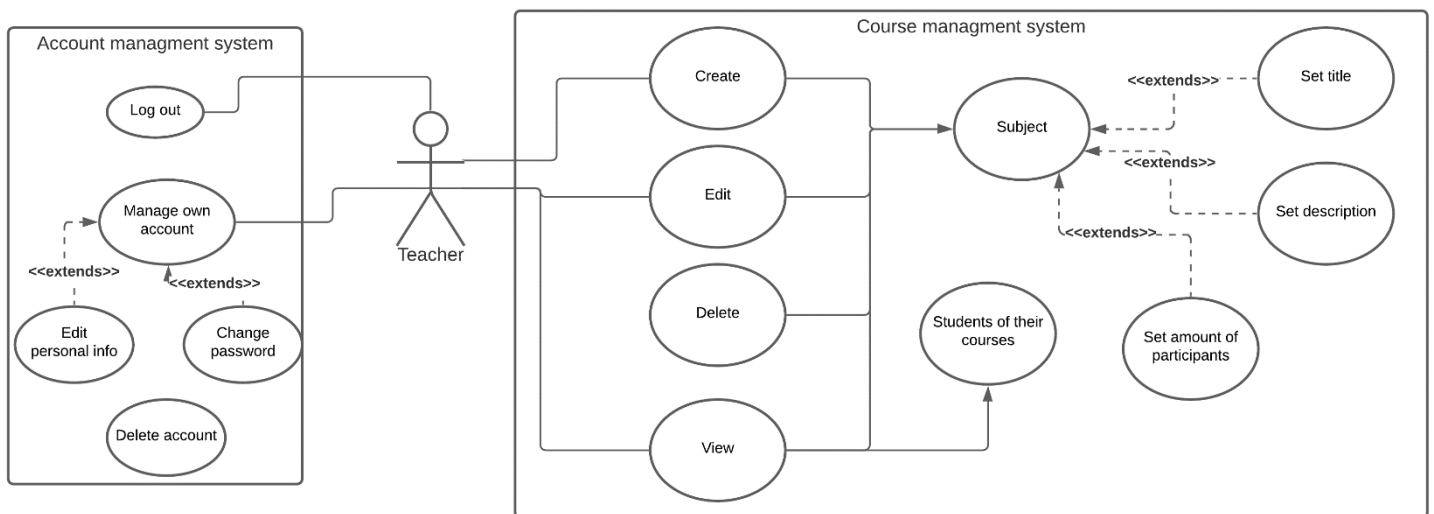
<b>№</b>	<b>Test class</b>	<b>Test method</b>	<b>Code coverage</b>

# Use case diagrams

## Guest role use case diagram:

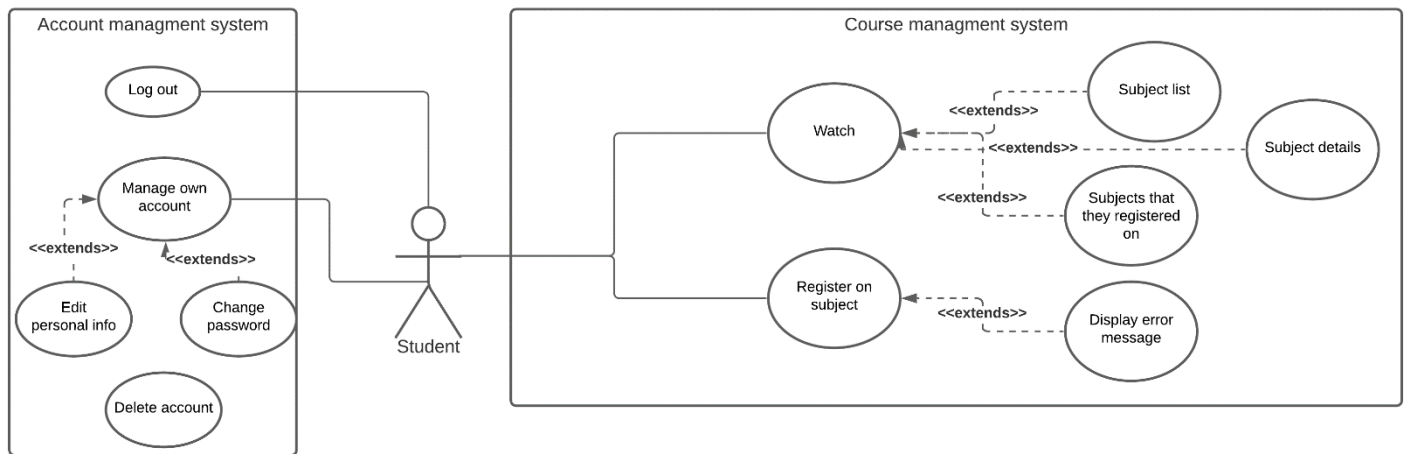


## Teacher role use case diagram:

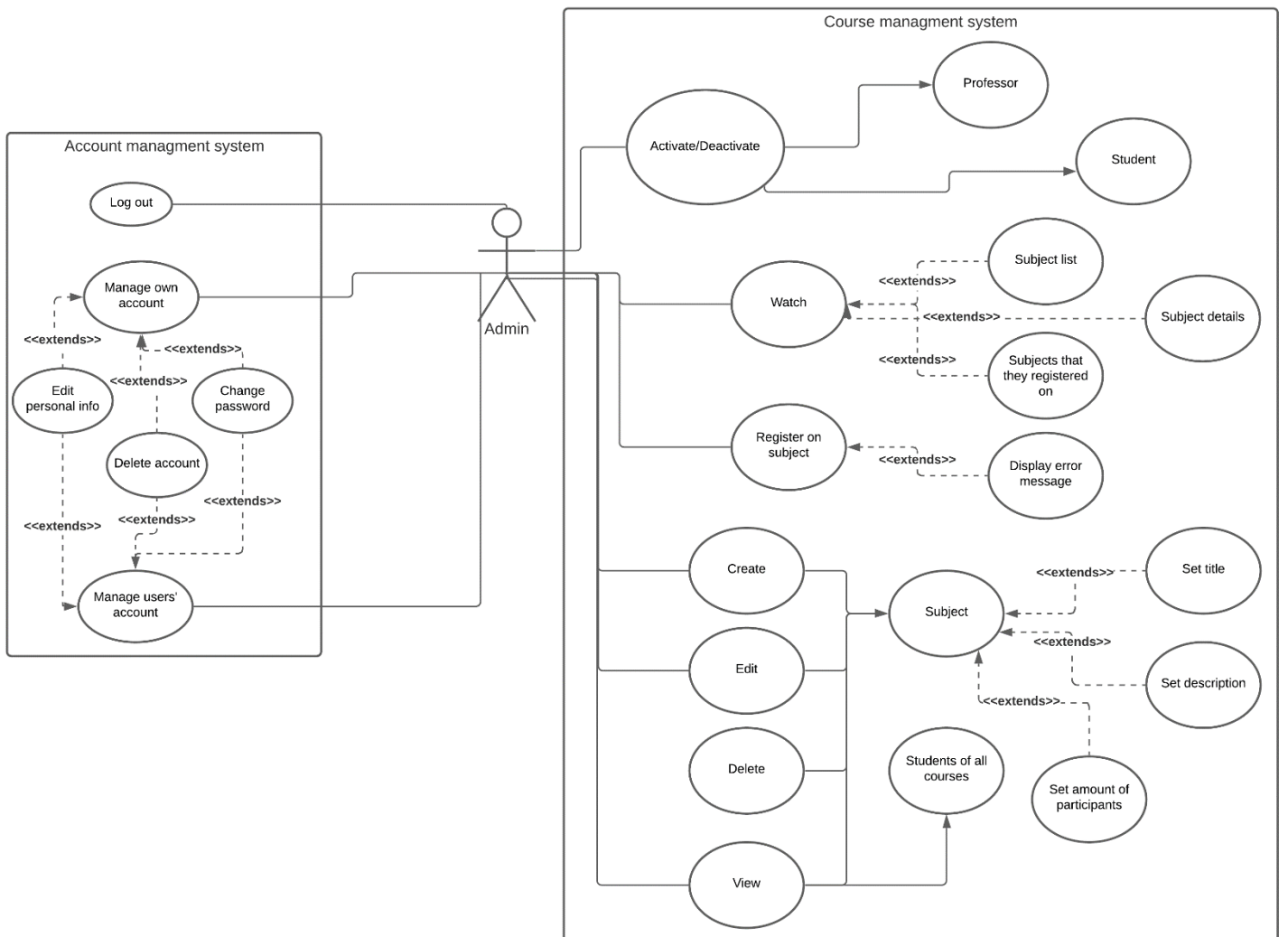




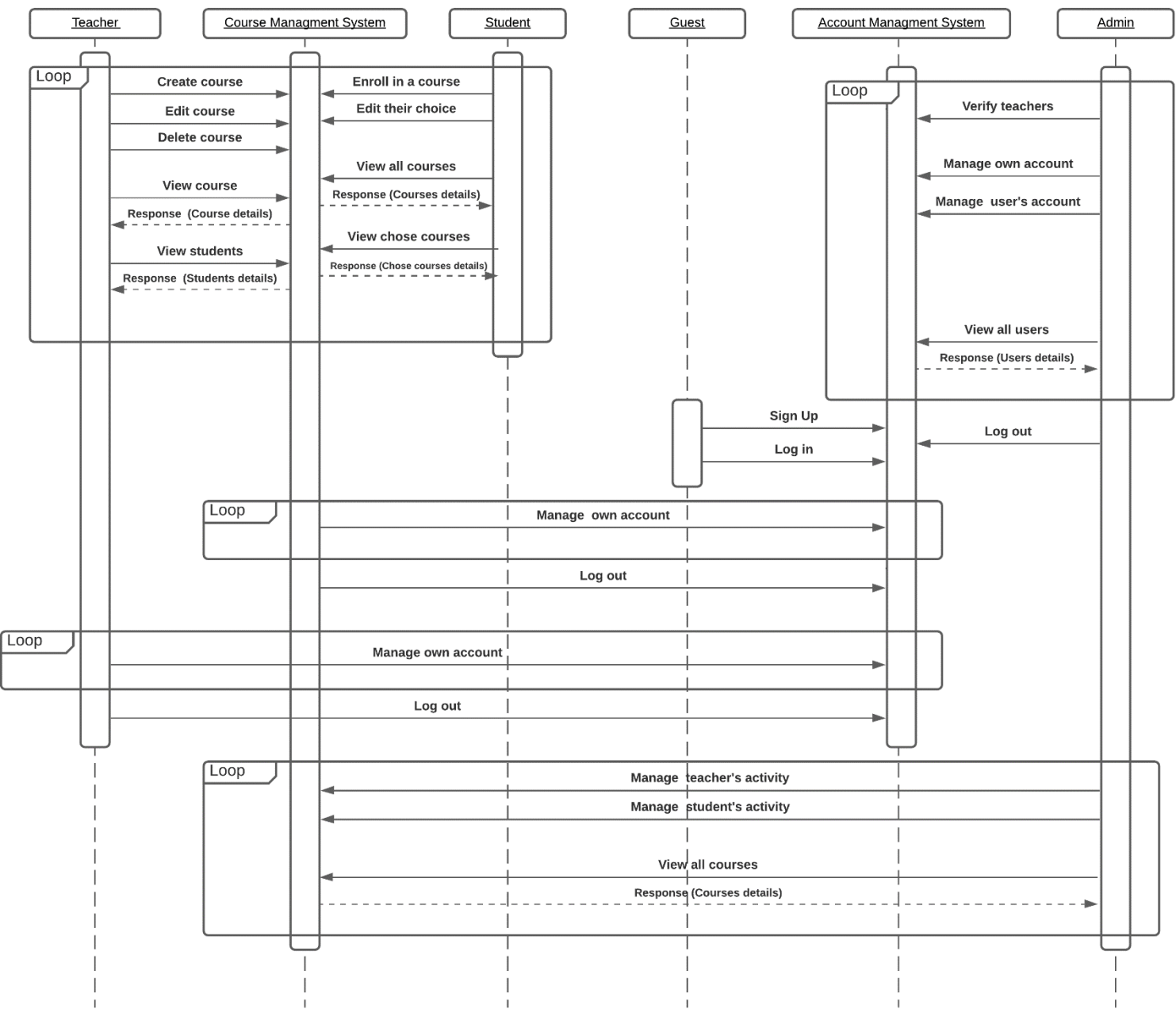
## Student role use case diagram:



## Admin role use case diagram:



# Sequence diagram



ER-diagram

