

## Automated Course Scheduling System

**Author (s):** Madina Yeleukina, Akhat Suleimenov,  
Dariqa Shokayeva, Shyngys Karishev

**Date:** 06.11.2021  
**Version:** 1

<b>USE CASE NAME:</b>	Create Schedules	<b>USE CASE TYPE</b> <b>Business Requirements:</b> <input checked="" type="checkbox"/>
<b>USE CASE ID:</b>	2	
<b>PRIORITY:</b>	High	
<b>PRIMARY BUSINESS ACTOR:</b>	User	
<b>OTHER PARTICIPATING ACTORS:</b>	•	
<b>OTHER INTERESTED STAKEHOLDERS:</b>	•	
<b>SHORT DESCRIPTION:</b>	Creation of the schedules after user chooses the classes to include into the schedule	
<b>PRE-CONDITION:</b>	User picked the classes to include and applied filters	
<b>TRIGGER:</b>	Pressed the "create schedule" button	
<b>TYPICAL COURSE OF EVENTS:</b>	<b>Actor Action</b>	<b>System Response</b>
	<b>Step 1:</b> Pressed the "create schedule" button	<b>Step 2:</b> Creates the permutations of all possible schedules with given classes
	<b>Step 3:</b> User can iterate through created schedules by 'next' and 'previous' buttons	
<b>ALTERNATE COURSES:</b>	User chose 0 courses and there are 0 schedules returned to user	
<b>CONCLUSION:</b>	Schedules created and could be iterated through	
<b>POST-CONDITION:</b>		
<b>BUSINESS RULES:</b>		
<b>IMPLEMENTATION CONSTRAINTS AND SPECIFICATIONS:</b>	Can only be 10 courses picked from search section	
<b>ASSUMPTIONS:</b>		
<b>OPEN ISSUES:</b>	1.	