Title: Use Cases

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Glossary

Term	Definition
Innocalendar personal message screen.	It is a message feed in Telegram chat. (InnoSchedule for an example)
University Education Department schedule system or UED schedule system	It is a google doc with the schedule currently used by the University Education Department.

Use Cases

Use Case name	Subscribe for an initial core program
Actors	Students (primary), Bot(secondary)
Pre-conditions	The student has a telegram account
Flow of event	1. The student searches for InnoCalendar bot on telegram. 2. The bot shows the greeting message which contains descriptions and helps instructions. 3. The student starts the bot. 4. The student selects configure schedule command. 5. The bot shows the available programs (Bachelor and Master). 6. The student clicks on the button with the name of his/her core program name.
Post conditions	The Student is assigned to the core program.

Use Case name	Subscribe to a course
Actors	Students (primary), Bot(secondary)
Pre-conditions	The student has already subscribed the initial core program on Innocalendar system
Flow of event	1. Student searches Innocalendar from telegram app

	2. Student opens Innocalendar personal message screen on telegram app 3. Student clicks "Add new course" button 4. The bot shows the list of all available elective courses. 5. The student selects one of the listed courses.
Post conditions	1. System updates the changes 2. The Student is assigned to the selected course.
Non-behavioural Requirements	1. Updates are consistent on personal message screen

Use Case name	Receive notification
Actors	Students (primary), Bot(secondary)
Pre-conditions	The Student is subscribed in some courses. The schedule of the subscribed courses was updated/changed.
Flow of event	1. The user receives the notification.
Post conditions	The student got a notification.
Assumptions	The student has an internet connection

Use Case name	Update schedule
Actors	Bot (Primary), UED schedule system (secondary)
Pre-conditions	Access agreement with Innopolis University Education Department on the current semester program schedule
Flow of event	1. System checks for changes in University Education Department current semester program schedule. 2. The bot receives and records changes to the database.
Post conditions	The system sends notifications about changes to the Students
Non-behavioural Requirements	1. There will be no database outage, data loss, and leakage. 2. All course changes kept up to date 3. The system will update once in two hours from UED schedule system.