

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	<ol style="list-style-type: none">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 "subscribe an initial core program" menu.5. The bot shows the current program (Bachelor and Master).6. The student clicks on the button with the name of his/her core program name.7. The bot shows the groups of the programs.8. The student clicks on the button with the name of his/her group name.
Post conditions	Calendar with core courses appears on Innocalendar personal message screen on Students telegram app

Use Case name	Subscribe to a lecture
Actors	Students (primary), Bot(secondary)
Pre-conditions	The student has already subscribed the initial core program on Innocalendar system
Flow of event	<ol style="list-style-type: none">1. Student searches Innocalendar from telegram app2. Student opens Innocalendar personal message screen on

	telegram app 3. Student clicks “Add new lecture” button 4. The bot shows the listed programs for Bachelor or Master 5. The student selects one of the programs from listed programs for Bachelor or Master 6. Bot shows the list course of selected programs 7. Student selects lectures to add to his/her schedule
Post conditions	1. System updates the changes 2. Calendar appears with new changes to Students personal message screen
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 lectures. The schedule of subscribed lecture was updated/changed.
Flow of event	1. The user receives the notification.
Post conditions	The student got a notification.
Assumptions	Student has internet connection

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

