**Group 7:**

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**MUMSched: Use Case Description**

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| **Use Case Number: 1** | | |
| **Name** Register course | | |
| **Brief description** This use case allows the student to register course s | | |
| **Actors** Student | | |
|  | | |
| **Preconditions** | | |
| The student must be logged in to the system | | |
| **Flows of Events:** | | |
| **1. Basic Flows** | | |
| **1.1.0 Register Course** | | |
| **Step** | **User Actions** | **System Actions** |
| 1 | The student request the list of available courses on each block | The system displays the available courses during each block along with the professor that teaches it . |
| 2 | The student arranges the courses according to priority for each block and submits them to the system. | The system verifies whether the student has satisfied the necessary prerequisites for the requested course and the room availability and if both conditions are satisfied the system enrolls the students for that course. |
| **Postconditions** | | |
| The schedule of the student with the enrolled courses is persisted in the system | | |
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| **Business Rules** | | |
| No duplicate course can be enrolled to the student. | | |

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| **Use Case Number: 2** | | |
| **Name** View schedule | | |
| **Brief description** This use case provides a functionality for viewing enrolled courses | | |
| **Actors** Student | | |
|  | | |
| **Preconditions** | | |
| The student must be logged in to the system | | |
| **Flows of Events:** | | |
| **1. Basic Flows** | | |
| **1.0 view schedule** | | |
| **Step** | **User Actions** | **System Actions** |
| 1 | The student request to view his/her schedule | The system displays the list of enrolled courses for each block |
| **Postconditions** | | |
| none | | |
| **Business Rule** | | |
| none | | |
|  | | |