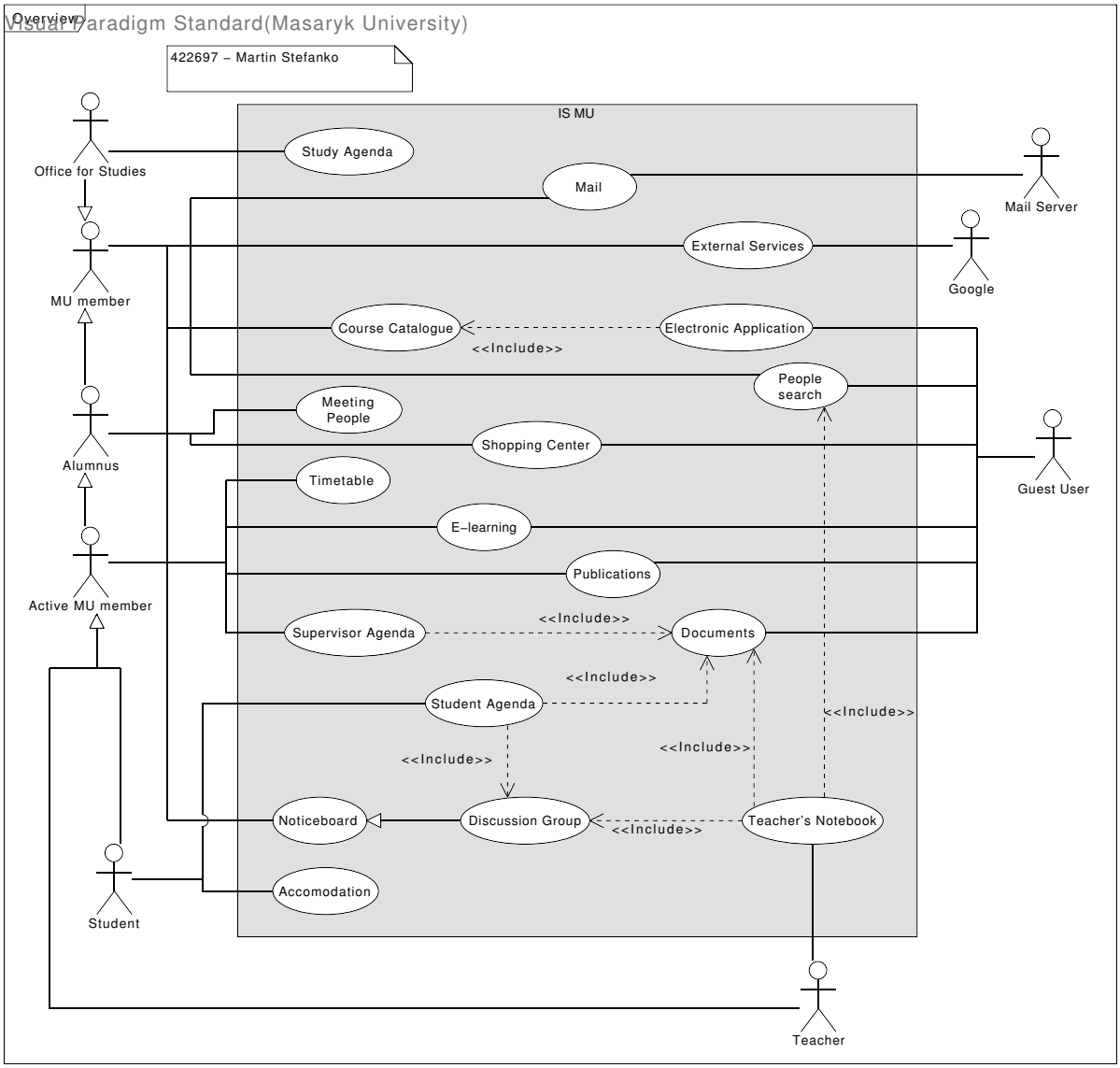
Overview
Visual Paradigm Standard(Masaryk University)
422697 – Martin Stefanko
IS MU
Office for Studies
Study Agenda
Mail
Mail Server
MU member
External Services
Google
Course Catalogue
Electronic Application
<<Include>>
People search
Meeting People
Alumnus
Shopping Center
Guest User
Timetable
E–learning
Publications
Active MU member
Supervisor Agenda
<<Include>>
Documents
<<Include>>
Student Agenda
<<Include>>
<<Include>>
<<Include>>
Noticeboard
Discussion Group
<<Include>>
Teacher's Notebook
Student
Accomodation
Teacher

Accomodation

Use case represents accomodation options for the students.
It provides:

- options to look up the accomodation
- registration for the accomodation
- administration of the accomodation

Information

Rank	Unspecified
ID	
Status	Unspecified
Justification	
Primary Actors	Student
Suppporting Actors	

Course Catalogue

Use case representing Course Catalogue - application for the creating, accessing, updating and removing courses in the information system.

Steps of the execution:

Create course:

1. User opens the course catalogue
2. User selects the Create course button
3. User fills the new course form
4. User approves changes
5. The new course is created in the IS

Access course:

1. User opens the course catalogue
2. User is able to search be text for the course
   2.1. User is able to specify details of the search
3. User is able to browse course catalogue tree by the faculty, department...
4. The result is courses valid for the search criteria or No match page allowing users to update search criteria

Update course:

1. User opens the course catalogue
2. User selects the required course (see Access course)
3. User selects Update course button
4. User changes the form data
5. User clicks on the Save changes button
6. User approves changes
7. The changes are persisted in the IS

Remove course:

1. User opens the course catalogue
2. User selects the required course (see Access course)
3. User selects the Remove course button
4. User approves deletion
5. The course is removed from the IS

Information

Rank	Unspecified
ID	
Status	Unspecified
Justification	
Primary Actors	MU member
Suppporting Actors	

Discussion Group

Use case represents the discussion grouping. Each member of the IS is assigned to discussion groups depending on his/her registration or teaching responsibilities. Discussions are accessible in the IS for the following operations:

- read posts
- submit post
- react (reply) to post

Information

Rank	Unspecified
ID	
Status	Unspecified
Justification	
Primary Actors	
Suppporting Actors	

Documents

Use case represents the documents available in the IS. Documents are available to the users of the IS. Manipulation (CRUD operations) and access should be restricted.

Information

Rank	Unspecified
ID	
Status	Unspecified
Justification	
Primary Actors	Guest User
Suppporting Actors	

E-learning

Use case representing study options available online in the IS. It covers creating, editing, accessing and deleting online study materials, discussions and other student tasks.

Information

Rank	Unspecified
ID	
Status	Unspecified
Justification	
Primary Actors	Active MU member, Guest User
Suppporting Actors	

Electronic Application

Use case representing accessible application that is being run in the IS. As these applications can be accessed even by non authenticated users, it must be possible to restrict access of applications to the IS. Functionality depends on the application intend.

Information

Rank	Unspecified
ID	
Status	Unspecified
Justification	
Primary Actors	Guest User
Suppporting Actors	

External Services

Use case describing external services provided for each MU member. These services provide uniform access for Users of the IS to the functionality provided by external partners of the MU. Note that it is important to provide user guide and/or tutorials for the setup of these services.

Information

Rank	Unspecified
ID	
Status	Unspecified
Justification	
Primary Actors	Google, MU member
Suppporting Actors	

Mail

Use case describing communication through mail server. Each MU member is able to send and receive emails. This functionality is provided by the SMTP server.

Steps of the execution:

1. User selects the mail box in the IS MU
2. User clicks on the Create Email button
3. User types the email and clicks Send button
4. The email is sent

Received emails are stored directly in the IS in the User's mail box.

Information

Rank	Unspecified
ID	
Status	Unspecified
Justification	
Primary Actors	Mail Server, MU member
Suppporting Actors	

Meeting People

Use case allows users to specify meeting specifications. Users are provided by the option to notify all invited people. IS provides options to create, access, update and remove meeting events for the users. User should be able to specify who can access and update events created by him/her.

Information

Rank	Unspecified
ID	
Status	Unspecified
Justification	
Primary Actors	Alumnus
Suppporting Actors	

Noticeboard

Use case represents publicly visible board for the user posts.
Each MU user is able to:

- read posts from the noticeboard
- post to the noticeboard
- redirect from post to relevant place in the IS

Information

Rank	Unspecified
ID	
Status	Unspecified
Justification	
Primary Actors	MU member
Suppporting Actors	

People search

Use case allowing Users (authenticated and non authenticated) to access the people search. The search allows users to specify detailed search criteria.

Steps of the execution:

1. User selects Search people option
2. User specify search string
    2.1. optionally user can specify more detailed search criteria
3. The IS returns the MU users valid with the search criteria or a No match page which allows user to update the search criteria or quit search

Information

Rank	Unspecified
ID	
Status	Unspecified
Justification	
Primary Actors	MU member, Guest User
Suppporting Actors	

Publications

Use case representing publications. Users are able to create, access, edit and remove the publication. Publications must be connected to the authors in the IS.

Information

Rank	Unspecified
ID	
Status	Unspecified
Justification	
Primary Actors	Guest User, Active MU member
Suppporting Actors	

Shopping Center

Shopping center of the MU allows users to order or buy software or hardware products provided by the MU. The pricing and the shopping list may differ for different users of the IS.

Information

Rank	Unspecified
ID	
Status	Unspecified
Justification	
Primary Actors	Alumnus, Guest User
Suppporting Actors	

Student Agenda

Use case represents the agenda for the students. This includes:

- accessing the study materials
- contributions to discussions
- registration of courses
- registration of exams
- feedback
- course tracking

Information

Rank	Unspecified
ID	
Status	Unspecified
Justification	
Primary Actors	Student
Suppporting Actors	

Study Agenda

This use case groups tasks performed by the office for studies:

- create, read, update and delete (CRUD) MU members
- CRUD operations for courses (course catalogue, seminar groups...)
- CRUD operations for timetables
- general administration tasks (e. g. events CRUD operations, notifications...)

Information

Rank	Unspecified
ID	
Status	Unspecified
Justification	
Primary Actors	Office for Studies
Suppporting Actors	

Supervisor Agenda

Use case represents the operations available and performed by the supervisors of the study. This agenda contains:

1. CRUD operations for courses
2. CRUD operations for seminar groups
3. assigning points and marks
4. attendance control
5. CRUD operations for study materials

Information

Rank	Unspecified
ID	
Status	Unspecified
Justification	
Primary Actors	Active MU member
Suppporting Actors	

Teacher’s Notebook

Use case describing teachers administration access to the IS. The teacher has the access to the courses he / she provides. Notebook allows:

- access and edit courses
- access and edit students for the course
- access and edit tutorials for the course
- assign marks
- exam administration

Information

Rank	Unspecified
ID	
Status	Unspecified
Justification	
Primary Actors	Teacher
Suppporting Actors	

Timetable

Use case representing timetable of the active users of the IS. This timetable is editable by the administration tasks and can be access by the regular users. The access is restricted. On the timetable change there should be a notification to all effected users.

Information

Rank	Unspecified
ID	
Status	Unspecified
Justification	
Primary Actors	Active MU member
Suppporting Actors	