

**Name:** Create profile

**Participating actor:** student

**Entry condition:** Student successfully registered and logged in to the online system.

**Exit condition:** Student fill all required fields in the online form and click on submit button or save button

**Flow of events:**

- **Scenario 1:**
  1. Student choose from department list which department he wants to join
  2. The student fills his education background, research interests, and work experience.
  3. The student selects the intended start date from a calendar
  4. The student determines if he needs financial support from a checkbox.
  5. The student can click save button to save his data and continue later on.
  6. The student clicks the submit button.
  7. The system should do the matching process between student profile and project criteria.
- **Scenario 2:**
  1. The student does not complete all required fields.
  2. The student clicks the submit button.
  3. The system should stay on the same webpage and Print message to the student all required fields should be filled.”
- **Scenario 3:**
  1. The student does not complete all required fields.
  2. The student clicks the save button.
  3. System save all modification.
  4. System prints “All modification is saved.”
  5. The system stays on the same page until student clicks the submit button.
- **Scenario 4:**
  1. The student does not complete all required fields.
  2. The student clicks the save button.
  3. Student closes the webpage.
  4. The system should keep all modification in its database.

**Name:** Create Project.

**Participating actor:** Project manager.

**Entry condition:** Project manager successfully logged in to the online system and click on create project button

**Exit condition:** Project manager fills all required fields in the online form and clicks on the submit button or save button.

**Flow of events:**

- **Scenario 1:**
  1. Project manager selects from checklist which department provides this project.
  2. Project manager fills the project's title and description.
  3. Project manager checks if the project will be funded or not and select fund range.
  4. Project manager adds project participants (professors) which will be supervisors on this project.
  5. Project manager set matching criteria of this project.
  6. The project manager can click save button to save his data and continue later on.
  7. Project manager clicks submit button.
  8. The system should save all fields on the database.
  9. The System prints "Submitted Successfully."
- **Scenario 2:**
  1. The project manager does not complete all required fields.
  2. Project manager clicks submit button.
  3. The system should stay on the same webpage and Print message to the student "Complete all required fields."
- **Scenario 3:**
  1. The project manager does not complete all required fields.
  2. The Project manager clicks on the save button.
  3. The System save all modification.
  4. The system stays on the same page until Project manager clicks the submit button.
- **Scenario 4:**
  1. The project manager does not complete all required fields.
  2. Project manager clicks the save button.
  3. Project manager closes the webpage.
  4. The project manager should keep all modification in its database.

**Name:** Set channel between student and project manager.

**Participating actor:** Time.

**Entry condition:** System will be notified that the student submit his profile and get the list of matched projects.

**Exit condition:** The project manager will able to communicate with the new student and student can see the contact button to communicate with the project manager if he wants to ask for additional information about a certain project

**Flow of events:**

- **Scenario 1:**
  1. The student submitted his profile
  2. On his click the matching process is automatically called which returns all matched project to the student
  3. Then the channel between the student and the project manager is established.
  4. The Project manager receives notification that there is a student gets his matching list if he wants to be proactive and sends to him any message.
  5. The student can see the contact button to communicate with the project manager.
- **Scenario 2:**
  1. The student submitted his profile and close the online page before getting his matching list.
  2. The system should save the matched list and a status flag that student successfully submits his profile.
  3. When student login again all matched projects loaded and the communication channel will be established for him.