Name of the application GetGraded

Grading/Submit assignment

* Roles ( different accounts type)
  + Teacher
  + Student
* Functionality
  + Login ( based on email/ passwaord)
  + Sign up (create account)
    - Display properties to fill in based on the role that you chose ( teacher/student)
    - Save the account
  + Edit account details page (account)
  + Overview homework/assignment list
    - Workcompleted
      * Teacher -> graded assigments
      * Student -> submitted assignments (graded or not)
    - Work in progresss
      * Teacher -> grade the submited assignments ( only after the student submit)
      * Student -> solve the assignments
  + Notification about upcomming assignments ( reminder page TO DO page)
    - student -> submit till date / graded
    - Teacher -> grade till date

Optional

* + Coordonator -> assignes teached and students to subjects
  + Teacher creates exams/assigments based on the subject
    - Exam passed conditions are established when created
  + Student sign up to class -> year, university, department -> exams
  + Assigments can have mulltiple variants
    - Passed/failed
    - Grade
    - Insufficient/sufficient/good
  + If student didn’t passed the HW/exam he can retake the exam
    - Coordonator role -> check if the student has another shot
    - Resumbit answer -> teacher -> grade -> student graded

1.Sign up

As an user I want to sign up to this application so that I can access the application functionalies ( grading/ submitting an assigment depeding on the role.)

Pre conditions

Have universities and departments in a database system and an endpoint to retrieve the information about them.

The front end page will contain some fields for the follwing properties:

* Email address ( mandatory validate to a specific format e.g …@domain )
* Password (mandatory)
* Confirm password (mandatory)
* Role (mandatory) -> the roles can be teacher / student
* First name
* Middle name
* Last name
* Birth date ( date format component)
* University (mandatory) (dropdown with the possible univerisies)
* Departement (mandayory) (dropdown with the possible departments)
* For student only the school year/ univerisity year

A save button will be displayed at the end of the form. When pressing Save the following validations will be done

* Check if the email address already exists
* Check if the password is formated correctly ( one UpperCase, one lowercase one digit, one special character)

If the validation failed the reason will be specified in the front end.

After the validation passed the user profile will be saved, but if the saving process fails a message will apear.

Due to security reasons the password will be hashed before the save in the DB.