

Interdisciplinary Assignment – Web development Fall 2015

Case: MySensei.dk

Description of case: Imagine you wanna try out a sport, playing an instrument or you seek to learn a foreign language. In each case you often search for private educators or courses to join, which for the most part, all demand a high price.

MySensei is a free service that brings together people seeking to expand their skills with people, who are able to educate in exactly those skills.

If you have been playing the guitar for the last ten years, why not share your skills with others who seeks to play the guitar and at the same time earn a little money.

Group assignment: The project is to be solved individually

Hand out: A description of the assignment will be presented Thursday, November 20 at 13:30.

The official presentation is on Monday, November 23 at 8:30. Holm @ Bæk I/S will hold a presentation, describing the idea behind their project - MySensei. Expected duration is 45 minutes including questions from study groups.

The presentation will take place in Auditorium B at the academy. The presentation is in English. The presentation is probably aimed mostly at the students doing the full cross-disciplinary project, so it is up to you if you want to come or not.

Hand in: The assignment must be submitted on Wednesday, December 9 at 12:00.

Feedback: Feedback will be given in written form on Fronter, with possibilities to ask questions about the feedback either on e-mail or on the last lecture (December 17th).

Number of pages: Task report must contain enough pages to answer the questions 😊 The only thing you hand in is a PDF report, containing screenshots of both your SQL queries and Mongo queries.

SQL: You must make an SQL database. You must include a data model of your database in the report where you explain why you set up the tables the way you did.

You must insert enough test data – minimum requirement is five rows in each table.

You have to make at least two stored procedures. You must argue why you have chosen to create exactly these procedures in the report. You also have to make two views, where you show how to get some of the most relevant data from joined tables.

MongoDB: You must make a MongoDB database. You should include the same data as in your SQL database. In Mongo you have to include a find where you order your data according to a parameter by your choice. You can choose between using the Mongo shell or MongoLab.