

FACULTY OF COMPUTERS, INFORMATICS AND MICROELECTRONICS
TECHNICAL UNIVERSITY OF MOLDOVA

PSI

LABORATORY WORK # 1

Design of web interface

Authors:
Petru NEGREI

Supervisor:
A. RAILEAN

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1 Introduction

1.1 Topic

Design a web interface for a list of teaching courses online.

1.2 Task

- Write a list of necessary questions that will describe the system.
- Design a mockup based on the asked questions.
- Analyze and propose improvements.

2 Implementation

2.1 Questions

- What is the list of available courses ?
- Do you have the course I need?
- What is this course about ?
- How many lectures a certain course contain ?
- What is the duration of the course ?
- What are additional materials for the course ?
- How I will adjust the speed of playback ?
- Where I can find feedback of the course?

2.2 Index

See the *Figure 1* on the next page to see the mockup.

The first page will contain a list of available courses, as you can see the top of the page will contain couple of *select* boxes which allows to filter courses by teacher, subject/category. And a *search* input by name, category, university or instructor. Thus by using this elements we responded to the first 2 questions in our list and allow users to search more faster for necessary course.

Below there is a list of available courses. Each contains the *name* of the course, a small *description*, *duration* of course, the name of *teacher* and *university*.

In the left part of each course is represented a logo, below it there are two buttons, **more info** and **see lectures**. This buttons will link to different pages, one is **about** page, and the other **lectures** page, in this manner we give the possibility to user to choose what he needs.

2.3 About page

This page contains information about the course, thus answering the 3-5th questions. Top of the page contains the name and the logo of it, in the right part it contains a small *video* introduction if it exists, below is the description of the course followed by the name and photo of the teacher. And at the end of the page is included the necessary additional material that can be represented by a list of books or a download link.

In the right part there is a small list that contains: *university name*, prerequisites, *estimated time*, the **view lectures** button, and a small part of the comments, *feedback* about course and a link to **forum**.

2.4 Lectures page

This page contains the list of all lectures for a specific course. In the left part is a list of thumbnails of video with the name of the lecture. By clicking one of them in the right part will appear the video. Below it will be presented two buttons, **download** and **playback speed** button. Below the video there is of available topics discussed in the lecture, by clicking one of them the video will be forwarded to the time the topic is discussed.

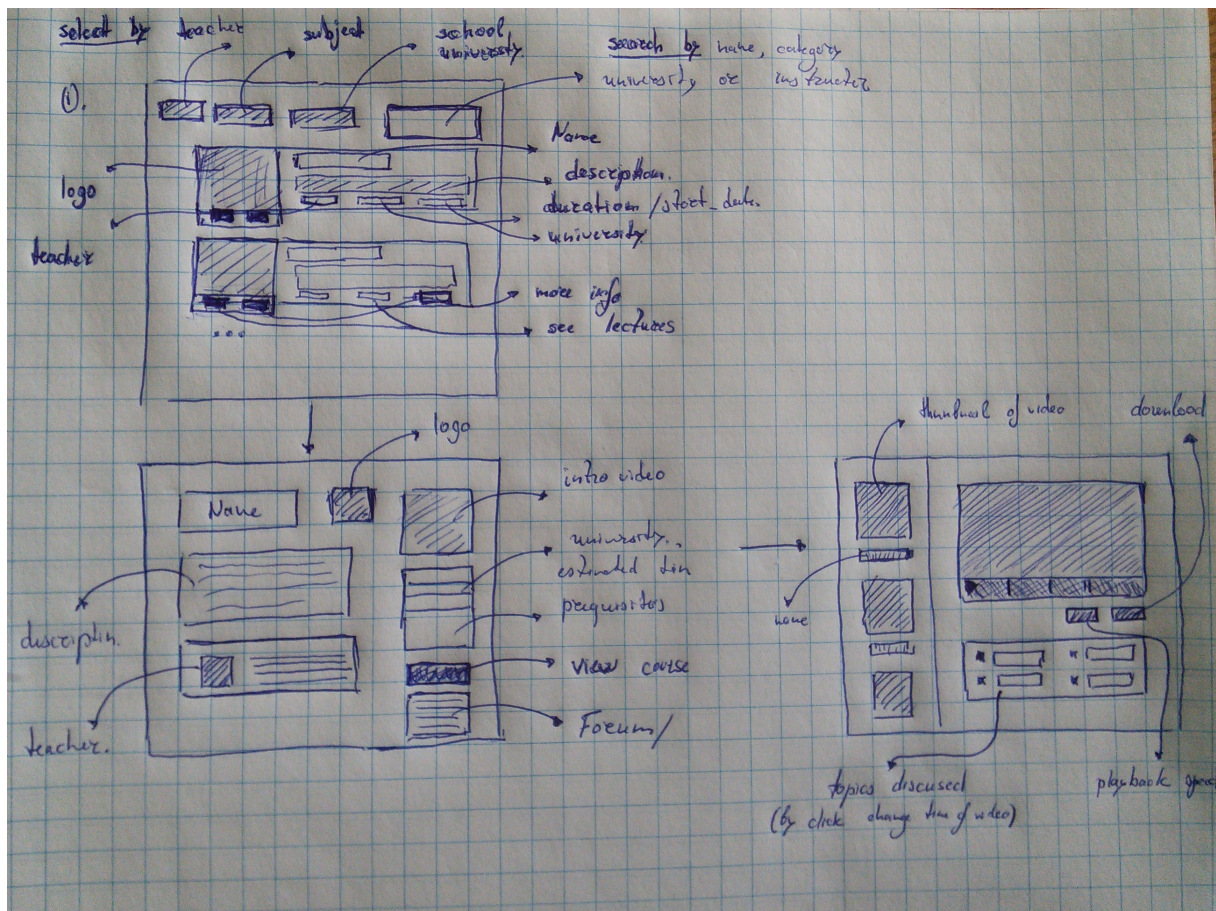


Fig. 1