User Interface Design

Cognitive Walk through

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ARNO DE WITTE

1 Introduction

This documents exists of two sections. The first section is a step by step tutorial on how to perform certain tasks. The second section are assignments to be executed by the user. The user should be able to perform the assignments after successfully finishing the tutorial.

Note that the tutorial is made without any visual aid to test the effectiveness of the placement of the elements and how easy they can be found based on solely a written explanation.

The tutorial will also ask the user some questions to see if the used icons are effective in relaying their meaning and functionalities. The answers to the question is always written below to make sure the assignment can be made later on. Questions to the reader are indicated by the question keyword in bold writing. E.g. **Question**

We ask the user to keep track of the time required to perform the actions in both sections and to write down any problems that occurred or any remarks they may have. We also ask the user to answer the questions in the tutorial and to let us know if they were able to answer them without looking at the answer written below.

2 Requirements

The website can be found on github at the follow location:
https://github.com/aropop/UIDproject
The user will have to clone the project locally in order to execute the tutorial and assignment. Please note that data is not persistent as the prototype doesn't have a working back-end.

3 Tutorial

3.1 goals

During this tutorial several tasks will have to be performed. The tasks that will have to be completed are listed here.

1. As a student:

    (a) Ask a question

    (b) Change visibility of a question

    (c) Mark a question as answered.

2. As a professor:

    (a) Answer a question

    (b) Change visibility of a question

    (c) Mark a question as answered.

3.2 tutorial

Open the website. You will be prompted for your email address to login. Fill in your own email address to login.

You can navigate through the courses using the menu on the left. Navigate to the course "Dutch". This course has two questions.

Question Which question is still open and which one has already been answered? How can you tell?

Answer The question "Is there still class?" has been answered. This is indicated by the lock icon. The other question is still open indicated by the conversation icon.

Question How do you ask a new question in this course?

Answer A new question can be asked by pressing the red circle with a plus sign in it located at the bottom right corner of your screen.

Ask a public question in the Dutch course by pressing the the red circle with a plus sign in it located at the bottom right corner of your screen. You can choose the title and content yourself.

Question How do you make this question public?

Answer The question is made public by toggling the blue bar under the content section. You will see the dot move to the other side of the bar and the color will be greyed out.

Make sure you have submitted your question.

Question How can you tell what question were asked by you?
Question What is the current visibility and status of the question?
Question How do you change the visibility and status?

Answer Only questions you own give you the possibility to change the visibility and status.
Answer You can see the visibility and status of the question by hovering over the left icon in front of the question. Note that since the question is yours, the conversation icon is changed to an open lock to indicate you can manipulate it.
Answer The visibility and status can be toggled using the icons on the right.

Lock your question and navigate to the Math course. Note how there are no questions.

Question How do you log out?

Answer At the top right corner of your screen is an icon consisting of 3 vertically aligned dots. This icon will open the menu. The bottom option of this menu is to log out.

Log out as yourself and log in as bad@student.be Navigate again to the Math course. You will see the private question that this student has asked but were unable to see when you were logged in as yourself. Make this question public.

Log in as dutchteacher@personel.be You are now the teacher of the Dutch course. You can now manipulate the question threads in the courses General and Dutch. Visibility and status manipulations are done in the same way as for students. We won't go into detail about those manipulations any more.

navigate to the Dutch course and answer the question "Whats the translation off this text?" The title and content don't matter but if you don't speak Dutch and are curious about the translation. It says "Hi, I'm Jacque and I study at the VUB".

After you replied to the question, close it.

Navigate to the Math course. Note how the English teacher isn't able to see the private question as well.

log out and log in again as mathteacher@personel.be. Navigate the the Math course and make the question public.

4   Assignment

1. As a student (log in as yourself)

   (a) Ask a private question in the Geography course.
   (b) Ask a public question in the Math course.
   (c) Make all your questions public.
   (d) close all your questions.

2. As a professor (log in as dutchteacher@personel.be)

   (a) Answer and close an open question.
   (b) Make a public question private.