Lesson 5

Scenarios and Initial Requirements

• Group 6 •

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Cultural Probes

- Activity 1: Domino Game
- Activity 2: e-Learning Platforms Example
- Activity 3: English Course and Lectures Example
- Activity 4: User Opinion
- Activity 5: Cross Words

Domino

Match the symbols with their meanings

- Confusion with some symbols:
  - Misinterpreting the Home symbol with the Favourites symbol
  - The save documents and favorite courses were misinterpreted by the old disk symbol

Conclusion: Opt for keywords instead of symbols to describe functionalities in our platform.

e-Learning Platforms

Give different e-Learning Platforms examples

- Cousera was the prefered one (the most simple)
- Static slider, with the page's objective description and search tool
- A Clean page, without too much information (no slide bars, not too many descriptions or images)
- A very simple menu, with a couple of buttons and features

English Course

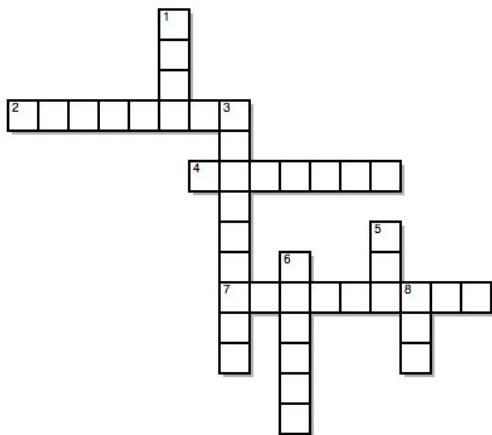Give an example of a English Course in Udemy Platform

- Users want it simples
- Introduction to the course in video
- Video + Right Lectures
- List of Lectures
- State of the course in the Lectures List

User Opinion

Check the user emotions

- They notice the importance of technology in their lives.
- They have a big motivation to learn new things.
- They feel that their generation is generally not motivated to learn more about technology

5ª Actividade

ACROSS

2 termo habitual que os utilizadores usam para se referir á internet sem fios.

4 Ferramenta que possibilita o acesso á plataforma e-learning. Navegador Internet.

7 Meio sobre o qual o utilizador interage com o sistema

DOWN

1 Endereço da plataforma e-learning.

3 termo estrangeiro que define a visualização em directo de conteúdo multimédia.

5 Formato genérico para a apresentação de documentos . Comum aos apontamentos dados pelos professores na plataforma.

6 combinação de teclas que permite o acesso rápido a uma dada funcionalidade.

8 secção que se pode abrir para inspeccionar o seu conteúdo. Separador.

WORD BANK: WIRELESS, STREAMING, SITE, PDF, INTERFACE, BROWSER, ATALHO, ABA

Cross Words

Give the user a Bonus!

Functional Requirements

- The system must support user registration (Student and Teacher)

- The system must give the user an option to visualize a course anonymously

- Each class's content must have the download option

- The system must have comments/discussion where the user is able to make questions

- The system must have a course monitorization section

Data Requirements

- The Student profile will contain the courses that are enrolled, courses / favorite areas, name, email and password

- The Teacher's profile will contain the courses he teaches, curriculum vitae, name, email and password

Data Requirements

Information that needs to be stored

The database should store:

- The list of courses by category

- The list of lectures by course

Each class must contain:

- Description about the lecture's contents

- Teacher's name

- Difficulty level

- Expected duration

Data Requirements

Information that needs to be stored

The progress section should display:

- Assignment grades

- Assisted lectures

- Goals to be reached

Environmental Requirements

Conditions under which the system should operate

The system will:

Be used in any device with internet access

Be accessed through a web browser

Be used in a quiet environment

Allow resource sharing

User Requirements

User characteristics: skills and difficulties

The user should:

Be comfortable with using a computer

Be able to access the internet

Have a minimum level of education

Use the system with ease even with eyesight problems

Usability Requirements

Goals and measurements

The system must:

Be responsive

Be intuitive and easy to learn

Provide feedback and show its state

Secure personal data

Persona - Maria Eugênia

Maria Eugênia, 76, lives with her husband in Areeiro. The couple has a computer and a smartphone.
Every week they use Skype and Whatsapp to speak with their family. They also have a Facebook account to view photos of the family.

Several times during the week, they go to news and cuisine websites. Eugenia signed a newsletter of an event site and every month you receive in your email notifications of major exhibitions and concerts that will occur.

She never enrolled in a senior course due to lack of availability. Still, she shows interest in learning languages and learn more about art.

Case scenario - Create a student profile

Maria Eugénia logs in, for the first time, at our E-learning Senior platform. The first thing that glaces her eyes are the 2 options.

She can either follow the lectures casually, or enroll on a daily plan, where she is able to get daily assistance and access other functionalities of our platform.

She decides to enroll using the 2nd option, so, she presses **Registar-se**, then **Estudante**, and finally she uses her facebook account to access.

Case scenario - Sign in on a course

Maria Eugénia logs in the E-learning Senior platform as a student. On the menu **Cursos** she chooses the option **Linguas**.

Then, she chooses **Inglês**. As she has no knowledge on the subject, she chooses the entry level **English Basics - Learn the Basics in 10 Easy Steps**.

To finish, she presses the button **Inscrever** and this course is automatically added to the courses list in **Perfil**.

Case scenario - write a question during class

In order to do so, Jacinto Manuel needs to access a lecture first. For that, the quickest option is to press **Perfil** and press on the quick access menu **Cursos Inscritos,** then, for example, the **English Writing Basic** course.

Afterwards, in **Aulas**, Manuel selects **Aula 1 - Presentation** to attend. During the video, Manuel thinks about the evaluation method, so he selects **Colocar Dúvida** and, in the page that appears, fill the Question title, and the question itself. To submit, Manuel presses **Submeter**.