Accessibility and new learning scenarios for all
UOC: Open University of Catalonia

University without distances
Fully online University (Undergraduate, Graduate and PhD programs)
Headquarters in Barcelona, Spain
Founded 15 years ago as an online University
53,000 students, 500 full-time faculty, 2,000 part-time faculty
Is this our learning scenario? Sure?
Ask to your students, look new scenarios
Ask to your students, look new scenarios
Ask to your students, look new scenarios
Goals
To define m-learning scenarios in order to design useful and friendly mobile learning applications and based on the requirements of potential users.

Methodology
· Personas
· Focus group
· Contextual inquiry in commuting context
### Scenario 1: 20-min commute

**Xavi**
- 35 years old
- Single

**Works in accounting**
**Studies Business Administration Management**
**Motivation:** Enhance his career prospects

#### At home:
Today is the last day to submit the activity for training period 5.

#### On the train:
He catches the metro every morning to work. While he is waiting for the train...

#### Classroom:
Once on the train, he enters the virtual classroom. The lecturer has sent a task...

#### At lunchtime, now at work:
Yes, I need a coffee. I’ll start looking for the work attachment.

#### Journey home:
Xavi searches for the article and uploads it to his work group...

#### After dinner:
He starts to read the news articles uploaded by the other students in the work group and to do the training activity.

### Scenario 2: 45-min commute

**Imma**
- 28 years old
- Lives with her partner

**Lawyer**
**Studies Humanities**
**Motivation:** As a hobby

#### At home:
She is about to start a new subject and she is downloading all the material to her e-book...

#### On her way home:
Imma connects to the Internet and consults the virtual classroom forum...

#### Journey home:
Imma also uses Google Scholar to search for complementary reading material, downloading it to her e-book...

#### Before dinner:
As she has not arrived home yet, she starts to do one of the activities in the self-assessment test.

#### Before dinner:
She starts to do the training activity that she has read about and made notes on during the journey.
<table>
<thead>
<tr>
<th>Scenario 1: 20-min commute</th>
<th>Xavi 35 years old Single</th>
<th>Works in accounting Studies Business Administration Management Motivation: Enhance his career prospects</th>
</tr>
</thead>
<tbody>
<tr>
<td>He catches the <strong>metro</strong> every morning to <strong>work</strong>. While he is waiting for the train...</td>
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He needs short and clear messages
Scenario 1: 20-min commute

Xavi
35 years old
Single
Works in accounting
Studies Business Administration Management
Motivation: Enhance his career prospects

At lunchtime, now at work, the lecturer has already answered his email...

Journey home: Xavi search for the article and uploads it to his work group...

He needs study without keyboard
Scenario 1: 20-min commute

Xavi
35 years old
Single

Works in accounting
Studies Business Administration Management
Motivation: Enhance his career prospects

He needs interfaces to engage to get emotion.
Accessibility needs from a UCD perspective

Goals
Analyze accessibility needs form people with disabilities in his context.

Methodology
· Personas
· Focus group
· Contextual inquiry at home
Accessibility needs ... new interfaces for all

short and clear messages

study without use keyboard

interfaces to engage to get emotion
Same problems… same solutions
A virtual campus like a tangram

Virtual classroom
Library
moodle
Learning Contents
Facebook
book
Google

Mobile devices
Audio interface
Clear information
Thank you

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