# SmartBoards-Sumative Evaluation

#### Measure

- Time spent
- Number of errors
- Task Completion

## **Expected Times per task**

- 1. 45 seconds (max 90 seconds)
- 2. 90 seconds (max 180 seconds)
- 3. 120 seconds (max 240 seconds)
- 4. 60 seconds (max 120 seconds)
- 5. 60 seconds (max 120 seconds)
- 6. 90 seconds (max 180 seconds)
- 7. 90 seconds (max 180 seconds)

## Initial Procedure – Coordinator/Observer

- 1. Setup a copy of the SmartBoards
- 2. Explain to the user the objectives of the project
- 3. Explain how the tests are done
  - No help
  - Can skip tasks, if required to complete other tasks the coordinator setups up the task
  - They can look at other views of the system for reference on how to do it
- 4. Show documentation page to the user
- 5. Create example block, showing all badges (image) earned by a student
- 6. Let the user try the system without constraints
- 7. Begin the tasks

#### After each task

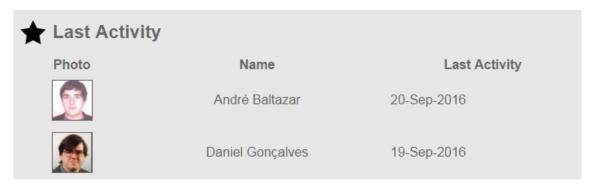
Ask the user to rate the difficulty of the task, and some comments about it.

## Before we begin

Age:	
Gender:	
Experience with complex applications (Y/N):	
Experience with Content Management Systems (Y/N):	
Experience with Web Technologies (ex. HTML/CSS/JavaScript) (Y/N)	

#### Tasks

The final expected result upon completion of all tasks should look like this:



Task 1: Create a container block with the header text "Last Activity" and "images/awards.svg" image

Difficulty (1 – Very Hard; 5 – Very Easy): \_\_\_ Comments:

Task 2: Create a table with 3 columns and a header row ("Photo", "Name", "Last Activity")

Difficulty (1 – Very Hard; 5 – Very Easy): \_\_\_

**Comments:** 

Task 3: Turn the table into a list of course users, sorted by last activity, filtered by last activity (show users with activity only)

Difficulty (1 – Very Hard; 5 – Very Easy): \_\_\_

Comments:

Task 4: Display the last activity of the users in the third column

Difficulty (1 - Very Hard; 5 - Very Easy): \_\_\_

**Comments:** 

Task 5: Display the name of the users in the second column

Difficulty (1 - Very Hard; 5 - Very Easy): \_\_\_

**Comments:** 

Task 6: Display the photo of the user in the first column

Photos of the users are located in the "photos" directory, indexed by username and have "png" extension. Example path: photos/ist173137.png

Difficulty (1 - Very Hard; 5 - Very Easy): \_\_\_

**Comments:** 

Task 7: Format the table

Center the "Photo" column, and apply the predefined "user-image" CSS class to the photo Center the "Name" column

Difficulty (1 – Very Hard; 5 – Very Easy): \_\_\_

Comments:

### Some questions

Difficulty adding new blocks/tables/images? (1 – Very Hard; 5 – Very Easy): \_\_\_

Difficulty using Expression Language? (1 – Very Hard; 5 – Very Easy): \_\_\_

Difficulty using variables in the Expression Language? (1 – Very Hard; 5 – Very Easy): \_\_\_

Difficulty using fields in the Expression Language? (1 – Very Hard; 5 – Very Easy): \_\_\_

The documentation was helpful to complete the tasks? (1 – Strongly disagree; 5 – Strongly agree): \_\_\_

Could you understand the available fields in the schema? (Y/N): \_\_\_

Difficulty understanding the documentation? (1 – Very Hard; 5 – Very Easy): \_\_\_

Comments about the system:

- 1. I think that I would like to use this system frequently
- 2. I found the system unnecessarily complex
- 3. I thought the system was easy to use
- 4. I think that I would need the support of a technical person to be able to use this system
- 5. I found the various functions in this system were well integrated
- 6. I thought there was too much inconsistency in this system
- I would imagine that most people would learn to use this system very quickly
- 8. I found the system very cumbersome to use
- I felt very confident using the system
- I needed to learn a lot of things before I could get going with this system

