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# Lesson 9

# Limited Functionality Prototypes

• Group 6 •

CCU 2015/2016

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**E-Learning**

Lernenden Internet Computer

virtuelle Einsatz steht 1990er

Jedoch steht 1996

Vordergrund

digitale Gestaltung

Teil ermöglicht

Nachteile

Our website : <http://goo.gl/kywYPz>

# Applied changes

Derived from the results of the previous tests...

- Register and Log-in splitted in 2 buttons
  - Naming conventions
  - Removed icons
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# Resources

Tools used to aid the development

- Framework
    - Bootstrap
  - Languages
    - HTML
    - CSS
    - JavaScript
  - Domain host
    - GitHub Pages
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# First functional prototype

<http://e-LearningSenior/fp-index.html>

# Test suite

1. Create an account
  2. Enroll in a economy course
  3. Watch the first lecture about economy
  4. Ask the teacher a question
  5. See progress
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# Results

Create an account

Measure: **Time**

|         |       |
|---------|-------|
| Current | 48s   |
| Minimum | >110s |
| Target  | 70    |
| Optimal | 40    |

Measure: **Clicks**

|         |    |
|---------|----|
| Current | 3  |
| Minimum | >9 |
| Target  | 4  |
| Optimal | 3  |

# Results

Enroll in a  
economy course

## Measure: Time

|         |       |
|---------|-------|
| Current | 32s   |
| Minimum | >100s |
| Target  | 70s   |
| Optimal | 30s   |

## Measure: Clicks

|         |     |
|---------|-----|
| Current | 5   |
| Minimum | >10 |
| Target  | 8   |
| Optimal | 5   |



# Results

Watch the first  
lecture about economy

## Measure: Time

|         |      |
|---------|------|
| Current | 18s  |
| Minimum | >90s |
| Target  | 50s  |
| Optimal | 20s  |

## Measure: Clicks

|         |    |
|---------|----|
| Current | 5  |
| Minimum | >9 |
| Target  | 8  |
| Optimal | 6  |

# Results

Ask the teacher  
a question

## Measure: Time

|         |       |
|---------|-------|
| Current | 58s   |
| Minimum | >105s |
| Target  | 60s   |
| Optimal | 40s   |

## Measure: Clicks

|         |     |
|---------|-----|
| Current | 8   |
| Minimum | >11 |
| Target  | 9   |
| Optimal | 7   |

# Results

See progress

## Measure: Time

|         |      |
|---------|------|
| Current | 11s  |
| Minimum | >50s |
| Target  | 20s  |
| Optimal | 10s  |

## Measure: Clicks

|         |    |
|---------|----|
| Current | 1  |
| Minimum | >5 |
| Target  | 2  |
| Optimal | 1  |

# Final decisions

- User should be able to see the list of all classes
  - “Contact teacher” should present a pop-up
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