

HÁSKÓLI ÍSLANDS

HUGBÚNAÐARVERKEFNI 1

HÓPUR 20

Use Case: Fully dressed format

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Use Case 1

Name

Login

Primary actor

Student

Preconditions

- URL must be known
- Internet connectivity
- Credentials must be known

Success guarantee

User is authorized

Main success scenario

1. Student enters username
2. Student enters password
3. System or third party validate input
4. Student continues to his/her lectures

Extensions / alternate scenarios

1-3) *User continues without login*

1. User chooses not to authenticate with the service
2. User continues to the main page, with the ability to view lecture videos
3. User chooses a topic and views a video, but the system does not track progress.
4. No automatic filtering based on OS preference

2a) *Forgotten password*

1. User clicks on 'forgotten password'
2. User enters email/username/other authenticator
3. User is prompted to check email
4. User receives email with password reset instruction
5. User clicks a link in the email and is taken to a password reset page

Miscellaneous / open issues

Consider "rafræn skilríki" as an alternative

Use Case 2

Name

Create profile

Primary actor

Student

Preconditions

- URL must be known
- Internet connectivity

Success guarantee

Profile created

Main success scenario

1. Student chooses between login options
2. Student chooses operating system
3. Student chooses experience level
4. Student picks topics of interest
5. System creates and stores profile

Extensions / alternate scenarios

1a) *Email exists*

1. User is notified that the email they are trying to use is already in use in the system
2. Email field is highlighted and user prompted to enter another email address

1b) *User already exists*

1. User is notified that the current user already exists.
2. User is given the option to login as that user or to be taken to a 'forgot password' page

1-4) *Mandatory information not entered*

1. User is notified that mandatory information is missing/misformed
2. Fields for the information required are highlighted

5a) *User continues without creating profile*

1. User chooses not to create a profile
2. User is still able to view lecture videos, but progress is not saved

Miscellaneous / open issues

Use Case 3

Name

Take a lesson

Primary actor

Student

Preconditions

Having a registered account

Success guarantee

Progress track was updated

Main success scenario

1. Student chooses a class
2. Student watches the lectures in chronological order
3. Student reads the accompanying text
4. Student takes the final quiz

Extensions / alternate scenarios

1a) *Student didn't finish the class last time*

1. User is given the option to continue from where they were last

1b) *Continues where he left off*

1. User has chosen to continue from last time
2. User is automatically taken to the last page they were at, with previously unsubmitted answers stored in the system

Miscellaneous / open issues

Explore possibility to store state with browser

Use Case: brief format

A student has arrived at the homepage. The student wants to see lessons on a specific topic. The student chooses keywords from a set of predefined keywords. The system processes the keywords and displays lessons related to the keywords that the student entered. The student finds the lesson they were looking for.

A student has logged into their account and has finished a lesson on a certain topic. The student has a question related to the lesson they would like to ask. The student scrolls down to the bottom of the lecture and writes their question in a comment box and presses a button to post. The system posts the student's question to the site under the lesson. Another student or a teacher can then post a reply to the first student's question in the same way.

A student has watched a video lesson and wants to test the things they learned. The student scrolls down and sees questions related to the material of the video. The student selects the answer to the questions that they believe to be correct and press a button to finish the quiz. The system compares the submitted answers to the correct answers and notifies the student about which ones they answered correctly. If the student thinks they can do better, they can press a button to retake the quiz.

A student navigates to the website. The student has trouble reading the text on the website. The student presses a button at the top to increase the text size. The system responds by making the text larger. The student still finds the text too small and presses the button again. The system makes the text even larger. The student continues on with their studies.