

OERu Course Site Design Project

Request for quotation

Summary

This project requires the design for the look-and-feel and layout of course content stored in WikiEducator. The design must:

- be responsive, having acceptable renderings on mobile, tablet, and desktop devices
- target evergreen browsers, but be functional on Internet Explorer 9 and above

We require two visual themes using the same CSS framework:

1. A theme derived from the OERu website¹
2. A theme derived from the Otago Polytechnic visual identity² or alternate OERu contributing partner.

The design must derive from a common CSS framework; specifically Bootstrap, Foundation, or the HTML5Rocks template. The resulting HTML5 pages must pass the W3C Validator with no errors.

All output is deemed work-for-hire. Copyright of all original work is assigned to the Open Education Resource Foundation under free cultural which will be free to reuse all content, styles, images, icons, etc. as it sees fit. Any original line art will be delivered in SVG format (in addition to any formats required for use in the design.) Any reused or derived work must be available either under a CC0 declaration or be licensed CC-BY.

Implementation

This implementation will “style” a course for the OERu and identified OERu partner. The logo(s) and colours will be chosen from the OERu website design and approved institutional palette.

The design should be “flat,” with no gratuitous drop shadows or elements. Whitespace is to be preferred over lines for separation (except perhaps in tables). Icons are often preferred to text links to reduce clutter and to be comfortable where English is not the learner’s first language.

All of the course content is authored in WikiEducator which is an instance of Mediawiki. Mediawiki renders its pages in a predefined HTML structure. As a simplifying assumption,

¹ <http://oeru.org/>

² <http://www.op.ac.nz/>

you may assume a script³ could extract the content from the pages and modify it while making a static copy of the collection of pages (example⁴).

The site should meet the requirements of the accessibility checklist published by the U.S. Department of Health and Human Services. Deviations from this checklist should be negotiated with the OER Foundation.

Navigation

The styling should include a navigation element for progressing through a tree of pages in a collection. Any navigation elements should be useable on touch devices in addition to desktop browsers.

Many courses will have linear flows and so styled *Previous* and *Next* links are required.

Pedagogical Templates

WikiEducator content makes unifying use of a set of pedagogical templates⁵. A consistent design of the templates and a stylistically related icon set must be developed.

You can view a list of current WikiEducator [pedagogical templates](http://wikieducator.org/Quickstart_guide/pedagogical_templates). Due to legacy reasons, many of these templates were styled using wiki tables and do not use consistent formatting. We require a duplicate set of pedagogical templates which are properly styled using consistent CSS. Each template should be able to accept a feedback parameter which renders a show / hide display. The two sets of templates would require a corresponding set of mini-icons.

Required Elements

In addition to the body content, every page must include:

- license information, including CC0, CC-BY, or CC-BY-SA logo and link to license text
- link to original WikiEducator “history” (attribution) page
- *Customisation elements*: The theme design should be simple to customise by OERu partners. While these customisations aren't part of the brief, effort should be made to ensure that modification of visual elements is simplified. These could include an identifiable global colour palette and logo and other file naming conventions that would make swapping in alternatives a simple process.

Timeline

Date	Deliverables
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³ <https://git.gitorious.org/wikieducator/course.git>

⁴ <http://wikieducator.org/course/OCL4Ed/>

⁵ http://wikieducator.org/Quickstart_guide/pedagogical_templates

4 weeks after acceptance	mockup showing typical page layout and colour palette (this may be sample HTML pages or static storyboards/wireframes); selection of CSS toolkit
6 weeks after acceptance	delivery of functional prototype style and (at least placeholder) artwork
8 weeks after acceptance	delivery of final project including all styles, artwork, and copyright assignments

Payments

50% of the total estimated fee will be paid upon agreement of initial design, the remainder of the fee payable not more than 30 days after receipt of finished product. This contract cannot be transferred to anyone else without our permission.

Custom page designs

We anticipate 3 pages which will required custom HTML elements

1. *Course landing page* which will contain:
 - a. A visualisation of three main steps with succinct corresponding text: 1) Register 2) Orient 3) Learn
 - b. Visualisation of 3 or 4 related courses if the course is a micro course.
2. *Learning console*: Which will include three div containers for: 1) Schedule 2) Announcements 3) Live feed - See [example here](#).
3. *Concept map* (aka [SCAN page](#)). The block could be a single target page or a number of sub-pages. Where subpages, the “submenu” should be dynamic, ie when clicked, submenu appears.

Open design questions

1. Mediawiki has a feature which automatically generates a table of contents from page headings for long pages. This provides a clickable overview of the page structure. Should the themed version consider an appropriate alternative for in-page navigation?
2. Third level navigation (which is frequently required in OER courses) is a challenge regarding real-estate limitations of a horizontal navigation bar. See for example the subpages of the [Why open matters learning pathway](#). It's not unusual to have long title names for sub-pages - so we need to think of a clever solution where the names of previous / current / next title names can be displayed in the menu.

Anticipated custom pages

1. Course dashboard which contains divs for the course schedule, course announcements and the aggregated WENotes feed - see [Bootstrap example](#) of current OCL4Ed course implementation.
2. A concept map (alternate navigation embedded as a sub-menu item on the “getting started” or startup main menu item.) See example implementation by clicking on the [“tree” icon](#) in the main menu of the OCL4Ed example.

Links

- Jim’s [theming prototypes](#) (we’re planning on using the Course Snapshot approach)
- Source files for [WikiEducator/Course](#) snapshot on Gitorious
- List of [pedagogical templates](#) used in WikiEducator
- Example of Bootstrap being used in a similar way for Apereo OAE <http://www.oaeproject.org/node/54>
- [Adapt Learning](#) - see [demo](#) for implementation ideas regarding interactive questions (MCQs, Cloze tests, true-false etc)

List of Mediawiki / OERu elements that would require theming.

1. Mediawiki has a convention that external links include a small character icon to differentiate from internal links. This is useful for learners to know that they are navigating outside the course site.
2. Enlarge icon for framed or thumbnail images (see for [example](#))
3. Icons for sortable tables ([example](#))
4. Selection of stock open source AJAXY spinner page is loading / wait gizmo
5. Styled Prev/Next arrows or buttons ([example](#))
6. WENotes course feed (live course feed aggregator) ([example](#))
7. Generic style for forms -- ([example](#) - click on “Add issue” button to see example of form.)
8. Mediawiki displays a small graphic next to links to file uploads to differentiate pdfs, documents etc.
9. Mediawiki email graphic which is displayed for [<mailto:foo@email.com> email]
10. Styling the display of registered students ([example](#))
11. Styling display for cloze questions (i.e fill in the blanks) ([example](#))
12. Styling the display for MCQs and interactive feedback - we also need a smart way visual way to designate correct answers. ([example](#))
13. Styling polls ([example](#))
14. Need a responsive styled solution for video signposts ([example](#)) - The current implementation is a hack on a standard pedagogical template which embeds a video and corresponding test which does not behave well in a responsive design context.

We can implement a wiki template for video signposts to populate a better theming solution in the framework.