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AMICAL 2023

Developing Open Educational Resources Using WordPress

Mariam Hussien & Farah Sharawy

AGENDA

01 **Warm Up**

02 **The Challenge:** Creating CLT's OER platform

03 **The Design Process:** Understanding the needs

04 **The Technical Process:** How to use Wordpress to create OERs

05 **Wrap Up**

Warm Up

01

Can you build a house from the 7 tangram shapes?

1. Go to mathigon.org/tangram. The link is on the handout p.2
2. Click on the house shape at the bottom
3. Distribute the shapes then start building your house

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How was the process of creating something meaningful out of scattered materials?

The Challenge

02

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Archive

Volume 15

Issue Ten: New Chalk Talk Special Illustrated Edition

Mahmoud Shaltout Ph.D., visiting assistant professor, Core Curriculum

In April 2017, Center for Learning and Teaching, in collaboration with the Center for Transforming Undergraduate Education at the University of Delaware, ran AUC's first Problem-based Learning (PBL) Institute. This institute was attended by over 20 faculty members from across the schools, breaking down the disciplinary divides and bringing innovative faculty together to explore how PBL can best be implemented in AUC classrooms. Read more

Issue Ten Supplement: Fall 2017 Faculty Development Institutes and Workshops

Issue Nine: Challenging Faculty Assumptions about Content When Adopting Problem-based Learning

Mark A. Serva, Ph.D., University of Delaware

Problem-based learning (PBL), as well as other inquiry-based pedagogies, enhances student learning by engaging students in the learning process. Students engaging in PBL solve problems, think analytically, and work with ambiguous information. Research consistently demonstrates the effectiveness of PBL (as well as the ineffectiveness of more passive approaches, such as a lecture. Read more

Issue Eight: What is Integrative Learning and Why Does it Matter? An Integrative Learning Ecology

Carol Clark (ELI), Ghada Elshimi (RHET), Doris Jones (RHET), Tamer Shoeib

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20 Volumes with **190+** issues

by **70+** faculty authors

Pdf format

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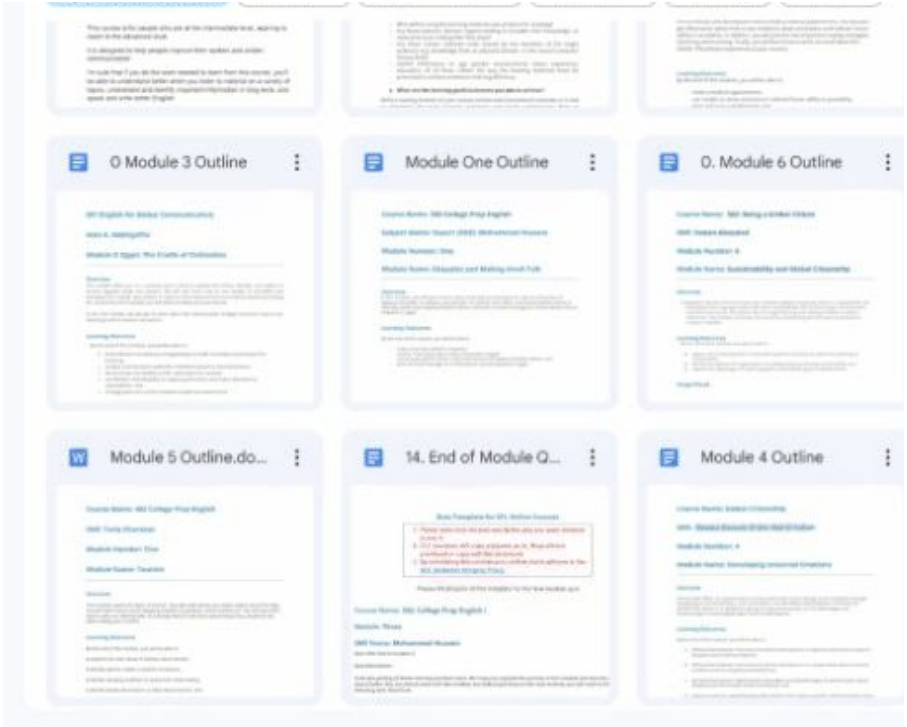

Digital Literacies Toolkit

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How can we convert this static content into an interactive and engaging platform?

Explore

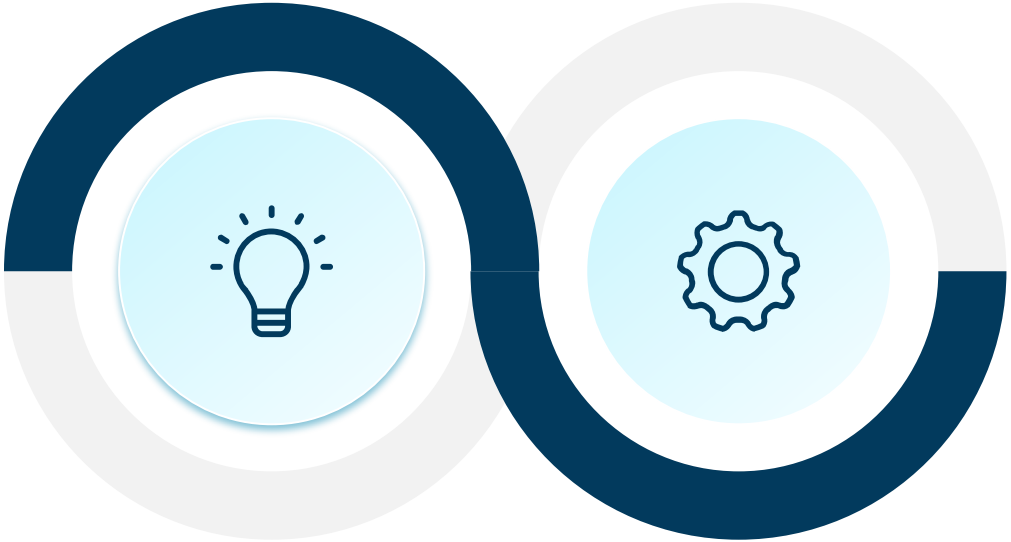
- Explore
  learnhub.aucegypt.edu/cltnewsletter
  learnhub.aucegypt.edu/digitaltoolkit

- What do you think of the user experience?
- What value does it add to convert the material to an interactive site?

Handout p.3

FUTURE PROJECTS

The Technical Process

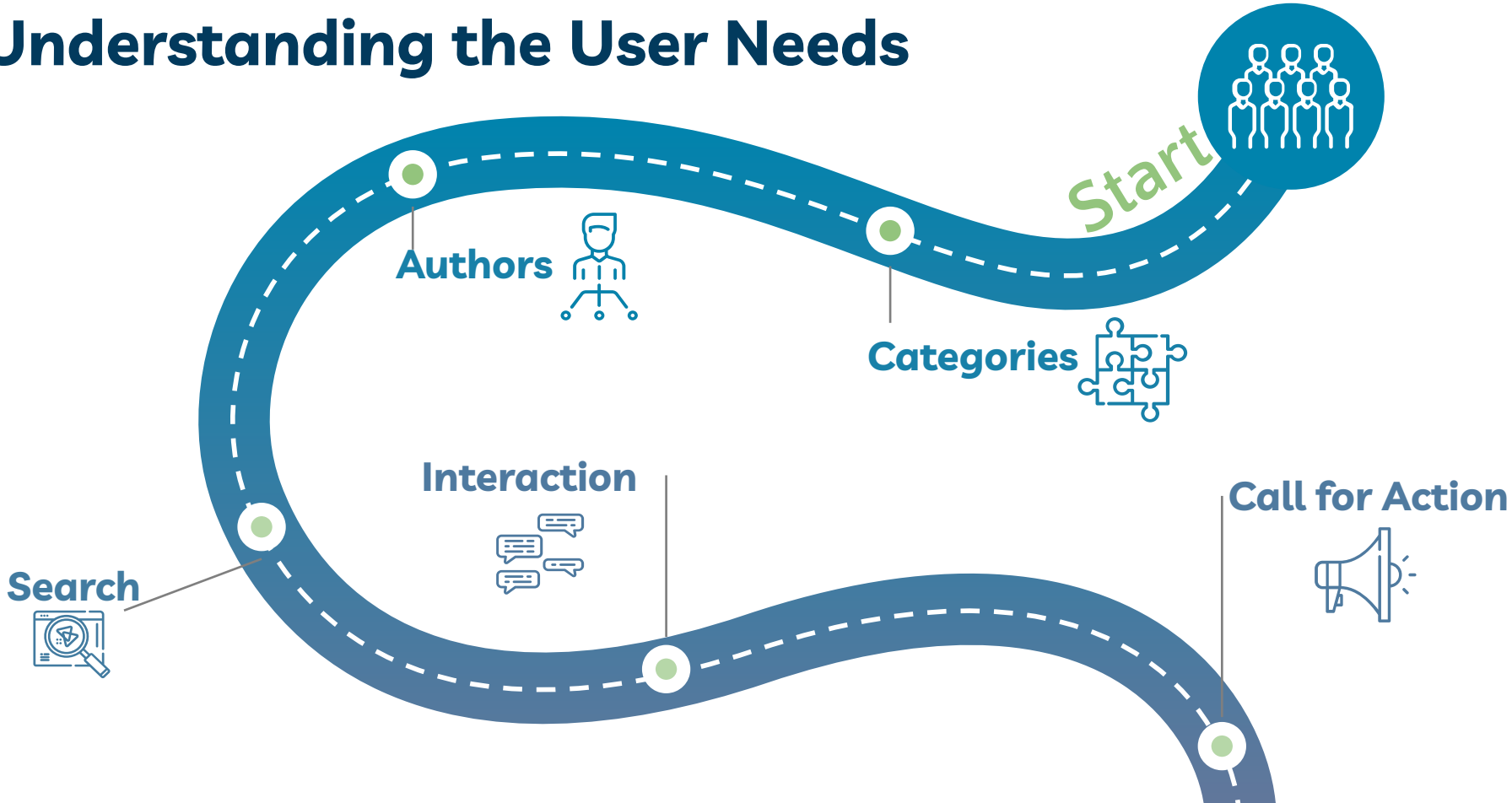


The Design Process

The Design Process

03

Understanding the User Needs



Understanding the User Needs

Experience

- Everything the user need is in the home page
- Easy and meaningful Navigation
- Consistent

Design

- Clean and Simple
- Consistent
- Color palettes and color contrast
- Accessible

Technical Aspects

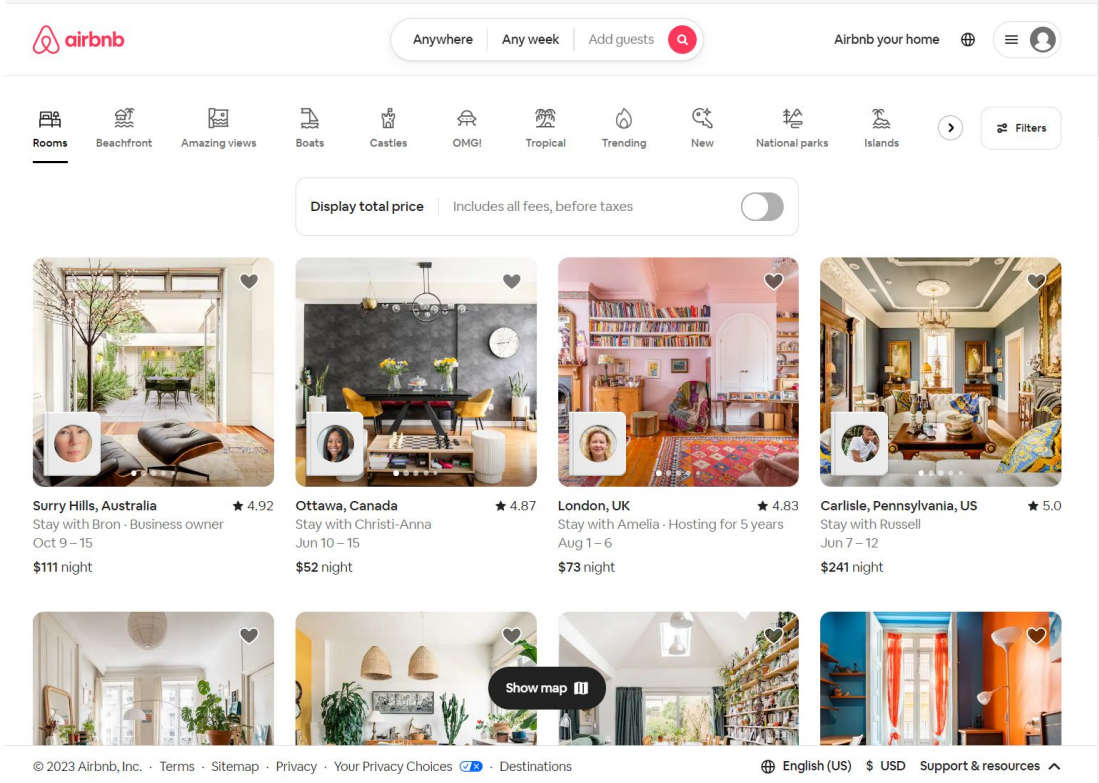
- Fast Loading
- Mobile friendly

Principles of Good User Experience

Clean and Simple

Easy Navigation

Consistency

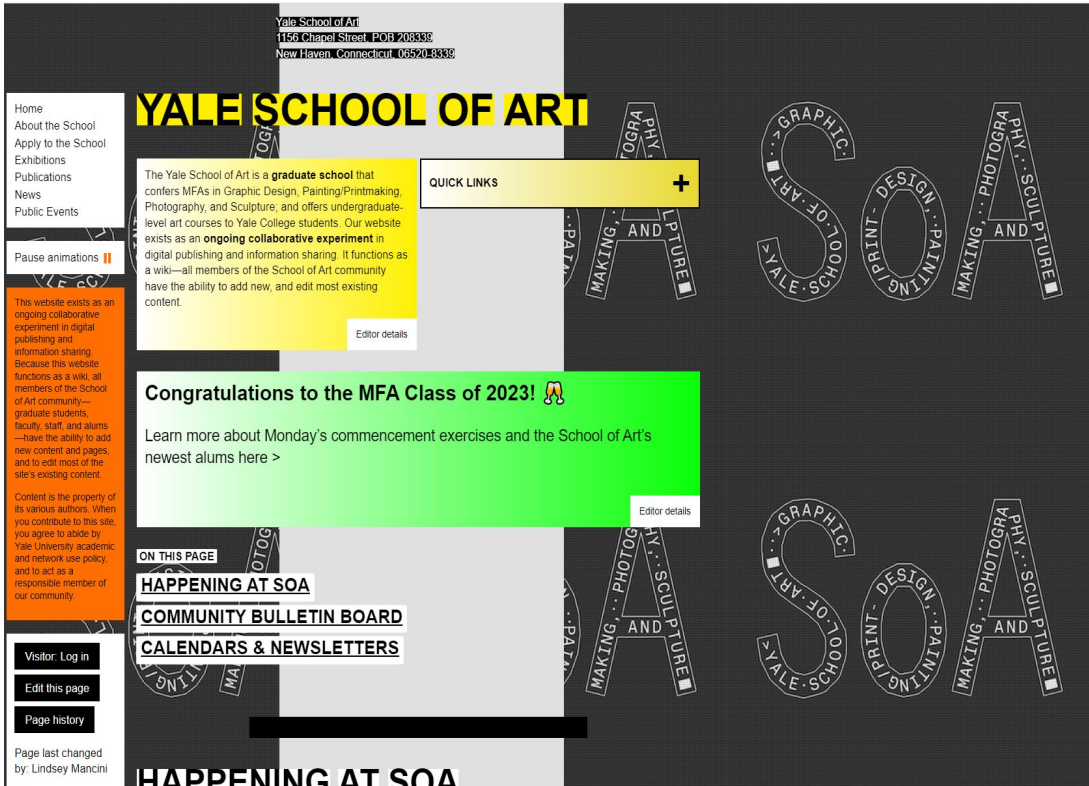


Principles of Good User Experience

Color Palette

Fonts

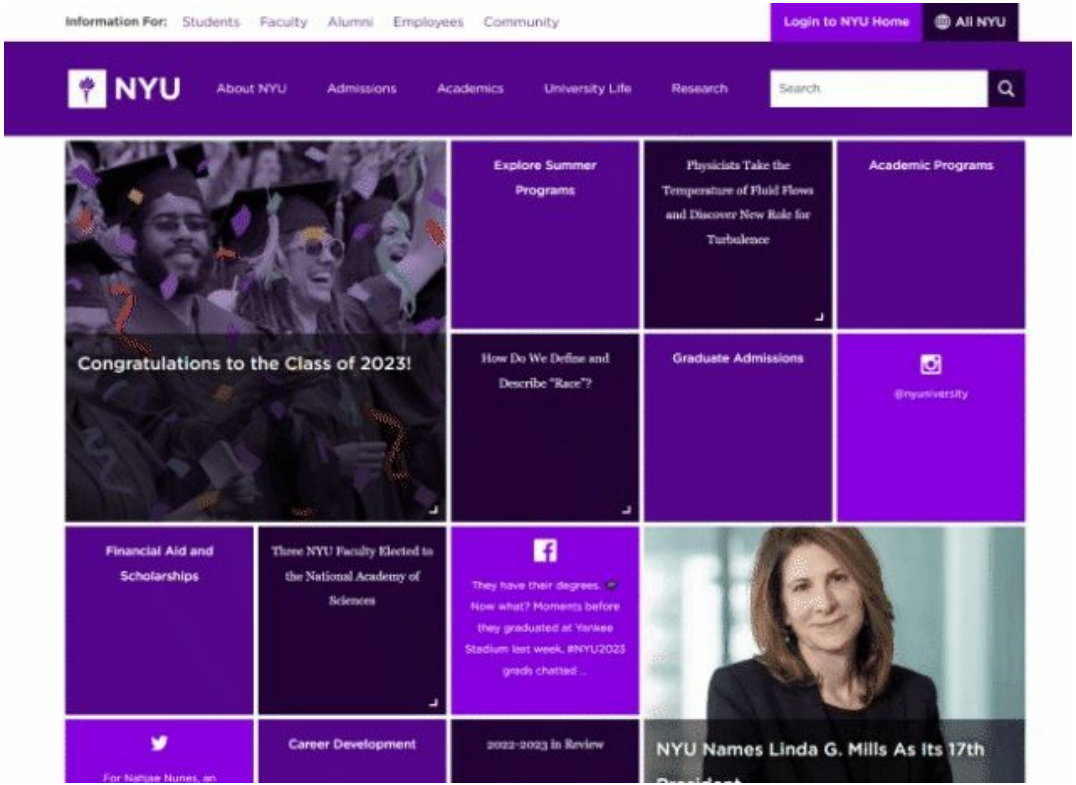
Consistency



Principles of Good Website Design

Color Palette

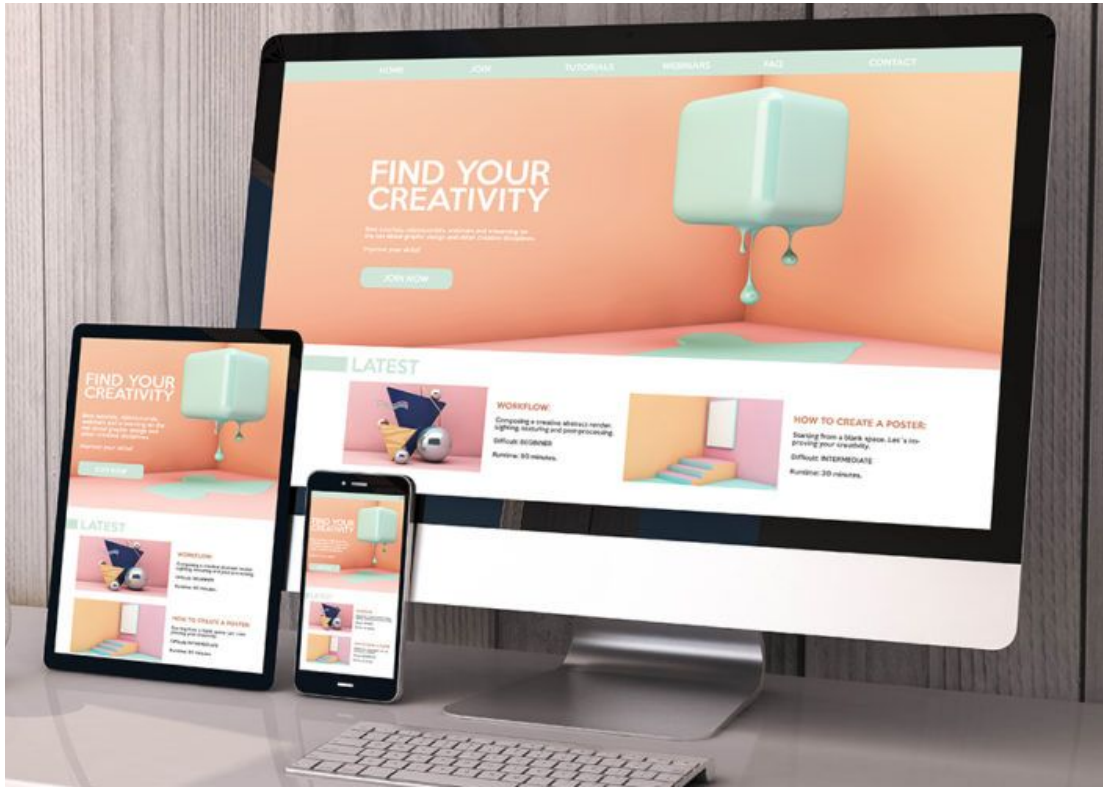
Consistency



Principles of Good User Experience

Responsive

Fast loading



Exercise

- Evaluate existing OERs for their user experience, design.
    - www.ted.com
    - act.mit.edu/cavs

Handout p.4

- How easy to navigate and find what do you need?
- Is the design simple and clean?
- What do you think of the colors used?

The Technical Process

02

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What are the components of Wordpress ?

What are the components of Wordpress?

Pages

Menu

Categories ˅ Volumes ˅ Authors Contribute CLT Homepage

Categories

All Academic Integrity Active Learning Assessment Design Thinking Digital Education Events Global Learning Pedagogy Report

How AUC Faculty Are Addressing AI in Their Teaching Spring 2023

DIGITAL EDUCATION PEDAGOGY VOLUME 20

March 14, 2023

Organic Chemistry is FUN! Says the Active Learning Classroom (ALC)

ACTIVE LEARNING VOLUME 20

February 26, 2023

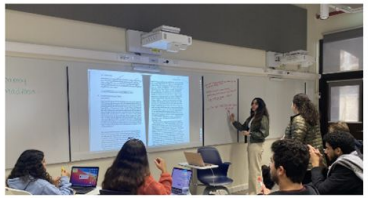
How Does AI Impact Learning? University Education as Mindbuilding

ASSESSMENT DIGITAL EDUCATION VOLUME 19 VOLUME 20

February 14, 2023

Posts

Theme



It's the "Active Learning," Dummy! From Active Teaching to Active Learning

ACTIVE LEARNING VOLUME 20

I Am Not in America: Adapting My Teaching at AUC

PEDAGOGY VOLUME 20

October 11, 2022

An Important Announcement regarding turnitin

ACADEMIC INTEGRITY VOLUME 20

September 27, 2022

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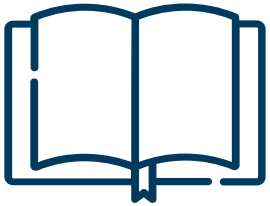
Create an OER with Wordpress

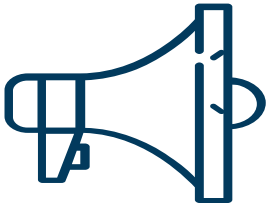
We want to create an OER website on **Wordpress** about Artificial Intelligence in Higher Education. So, we have, **book descriptions, youtube videos, and podcasts** that address AI in two disciplines; **social sciences and engineering**.

Check the content on the handout p. 5 -8



2 Books

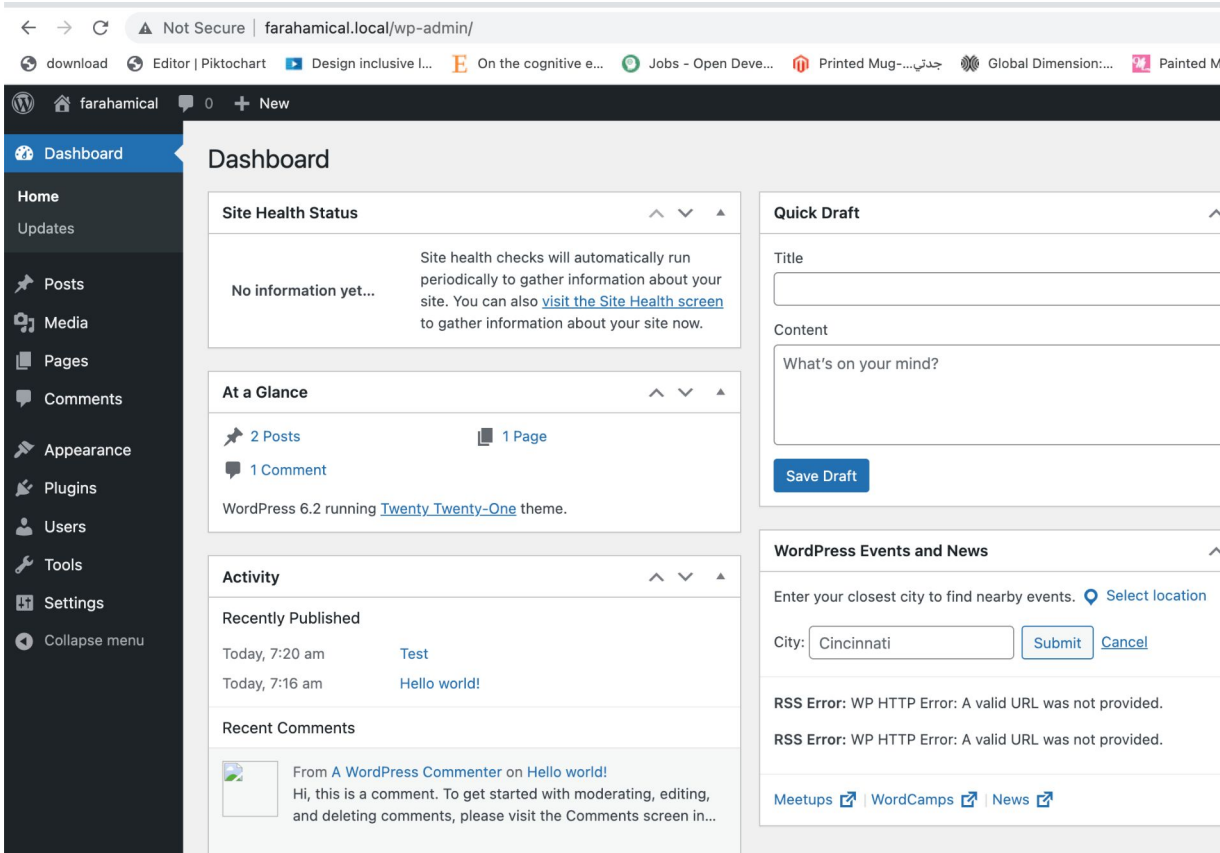
2 Videos



2 Audios

Admin page

Sitename/wp-admin



Steps

1. Choose a theme

2. Create pages and posts under their categories

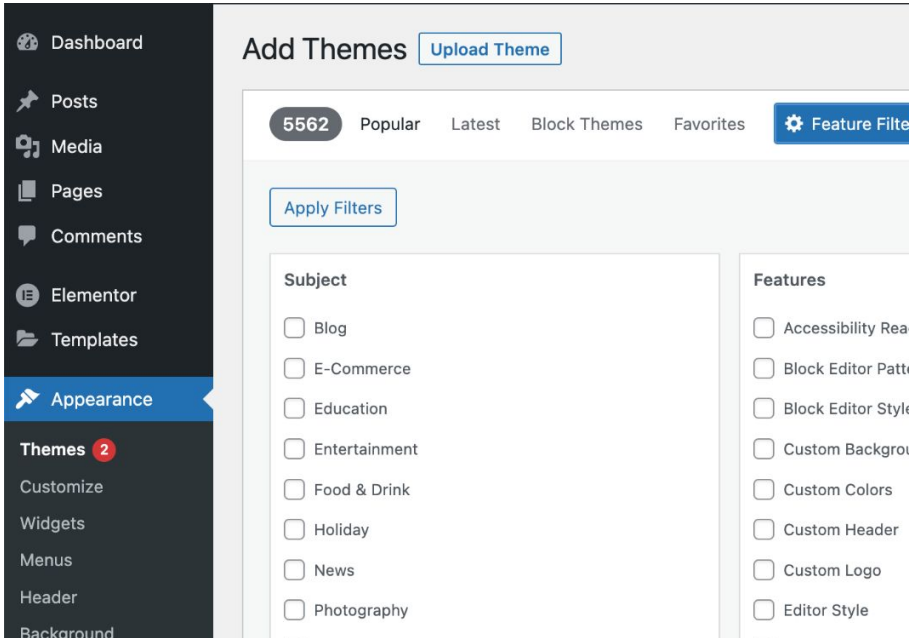
3. Create menus

4. Create plugins

1. Choose a Theme

Appearance -> Themes > add

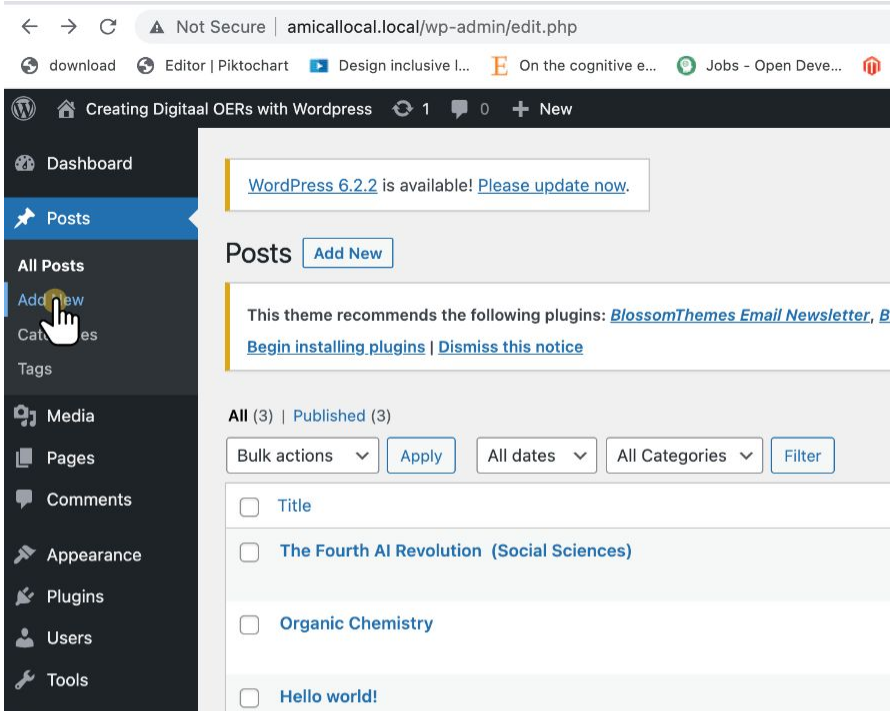
- Fits your needs
- Simple



2. Add a Post

Posts-> add new post

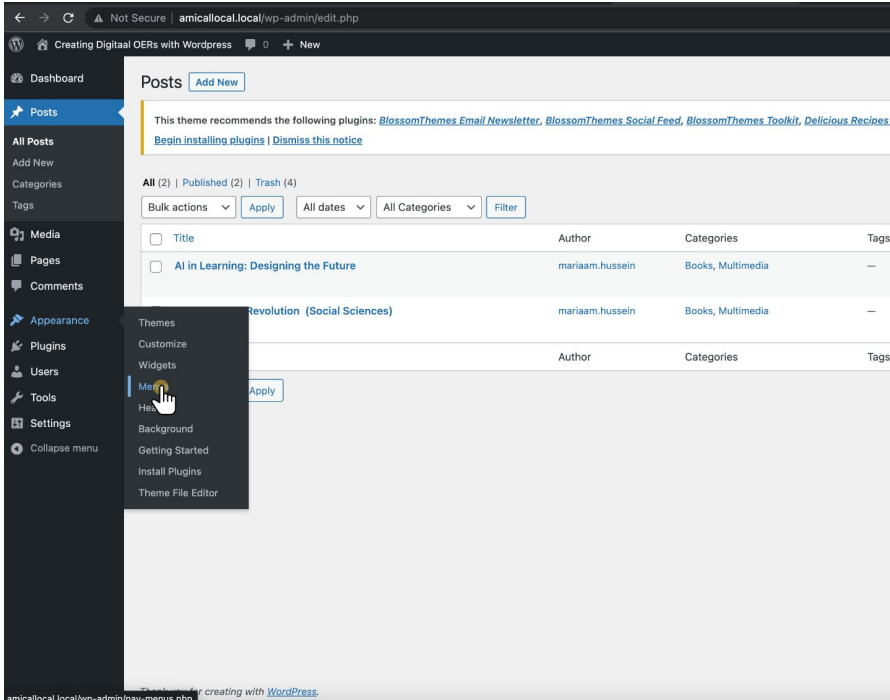
- Different types of context
- In your post use + to add content
- Categorize your post



3. Add a Menu

Appearance-> Menu

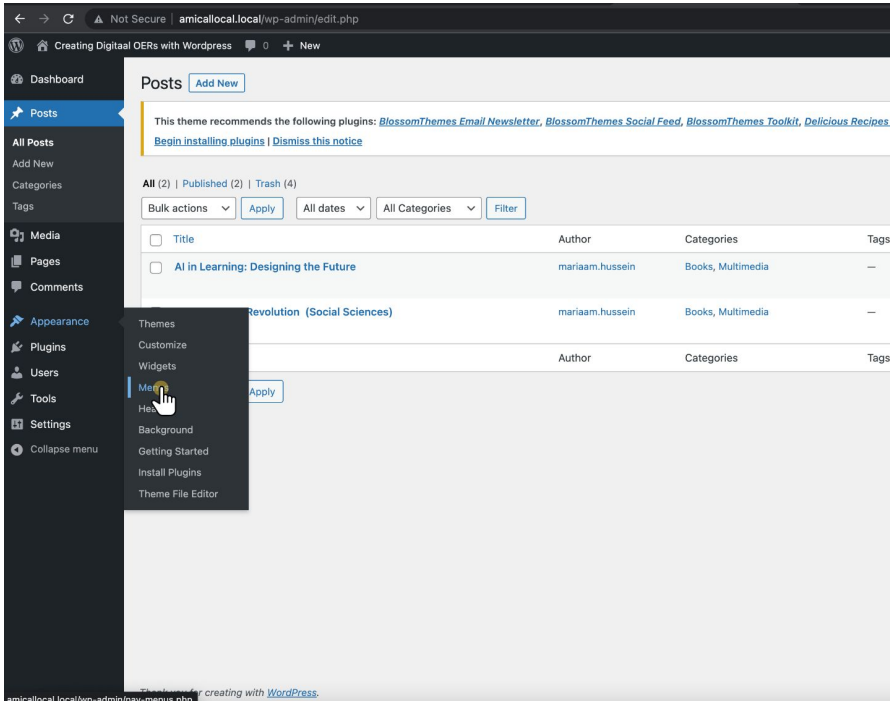
- Click on create menu
- Name your menu
- Select items you want to add to the menu



4. Add a Plugin

Plugins> Add New

- Click on plugins
- Add new plugins
- Browse the different plugins



Browse your website

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Why Wordpress for OER?

weebly

Blogger

WIX

Why Wordpress?

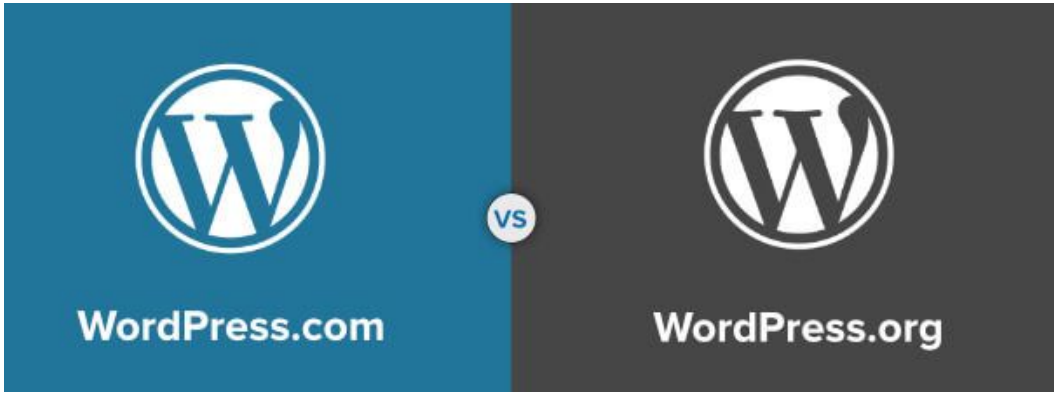
Ease of use

Themes

Community

Plugins

The price



Simple but limited

- Site hosted by Wordpress
- Limited in themes and customization
- No plugins in the free version
- Has ads
- Automated maintenance

Full features, but less simple

Site self hosted
Full customization
All plugins allowed
No ads
Manual maintenance

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Wrap Up

Share your thoughts on creating OERs using Wordpress.

- What excites you?
- What worries you?
- What do you still need to know?

Handout p.21

We will be happy to hear from you if you want to discuss anything in your wordpress project

- mariam.hussein@aucegypt.edu
- farah.sharawy@aucegypt.edu

Your feedback matters

Fonts & colors used

This presentation has been made using the following fonts:

Livvic
(https://fonts.google.com/specimen/Livvic)

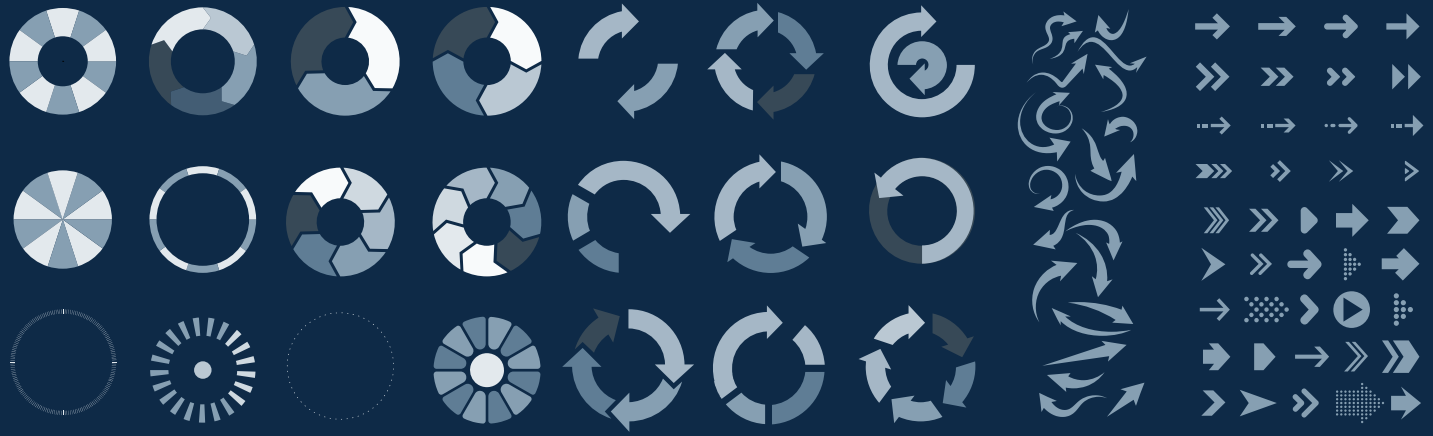
Catamaran
(https://fonts.google.com/specimen/Catamaran)

#434343

#556d96

Use our editable graphic resources...

You can easily resize these resources, keeping the quality. To change the color, just ungroup the resource and click on the object you want to change. Then, click on the paint bucket and select the color you want. Don't forget to group the resource again when you're done.



...and our set of editable icons

You can resize these icons, keeping the quality.
You can change the stroke and fill color; just select the icon and click on the paint-bucket/pen.
In Google Slides, you can also use Flaticon's extension, allowing you to customize and add even more icons.

Educational Icons

Medical Icons

Business Icons

Teamwork Icons

Help & Support Icons

Avatar Icons

Creative Process Icons

Performing Arts Icons

Nature Icons