

The background of the slide features a complex network diagram. It consists of numerous black dots, representing nodes, connected by thin black lines, representing edges. These connections form various geometric shapes, including triangles, quadrilaterals, and larger, more intricate clusters. The network is distributed across the entire slide, with a higher density of nodes and edges in the corners and along the sides, leaving the central area more open for the text.

# OpenEdu Search

find, explore, expand knowledge

# The Classifiers



**Meenu Bhargava**  
*PM + Scrum Master*



**Muhammed Enes Baysan**  
*Backend / Architecture*



**Kira Euling**  
*Deputy PM + Product Owner*



**Sravanthi Allanku**  
*Data Scientist*



**Itz'iar Tesan**  
*UI/UX Designer*

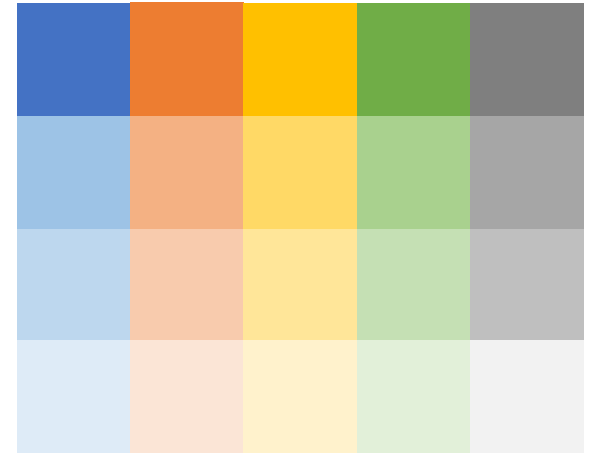


**Ilia Komissarov**  
*Data Scientist*



**Amy Bellis**  
*Team Satellite*

# The Problem



# The Problem



Home > Sito > Project - Training - News > Add project

Add project

☐ Published


**Content type:**


----- ▾



News - article, report, event, contest  
Project - open platform and website  
Training - video tutorial, educational kit, guideline or mooc


**Level:**


Available level 


 Filter

Beginner  
Intermediate  
Advanced


 

Chosen level 



Choose all 

Hold down "Control", or "Command" on a Mac, to select more than one.

Remove all 

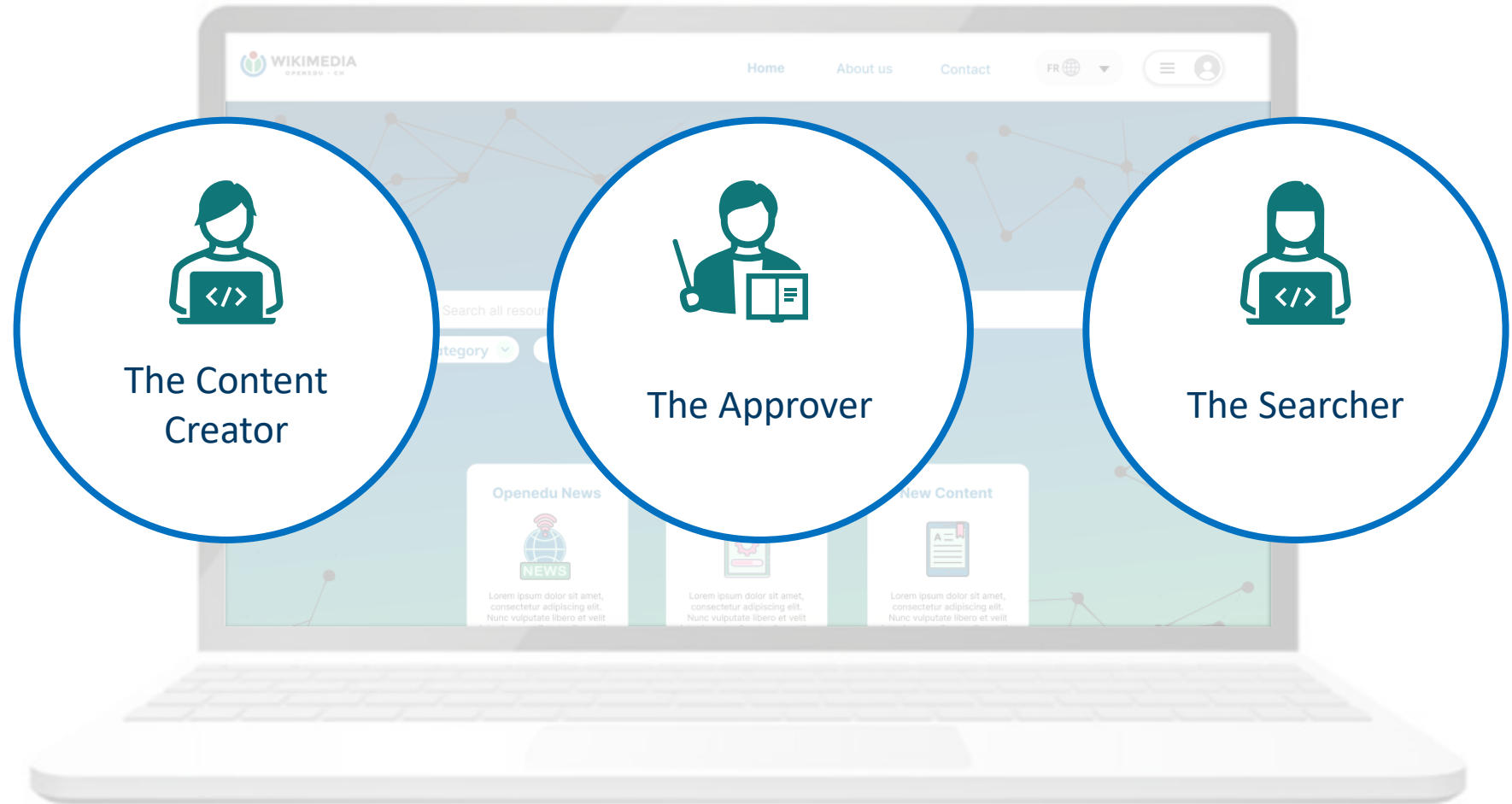
**By:**

Name of the institution, association or working group

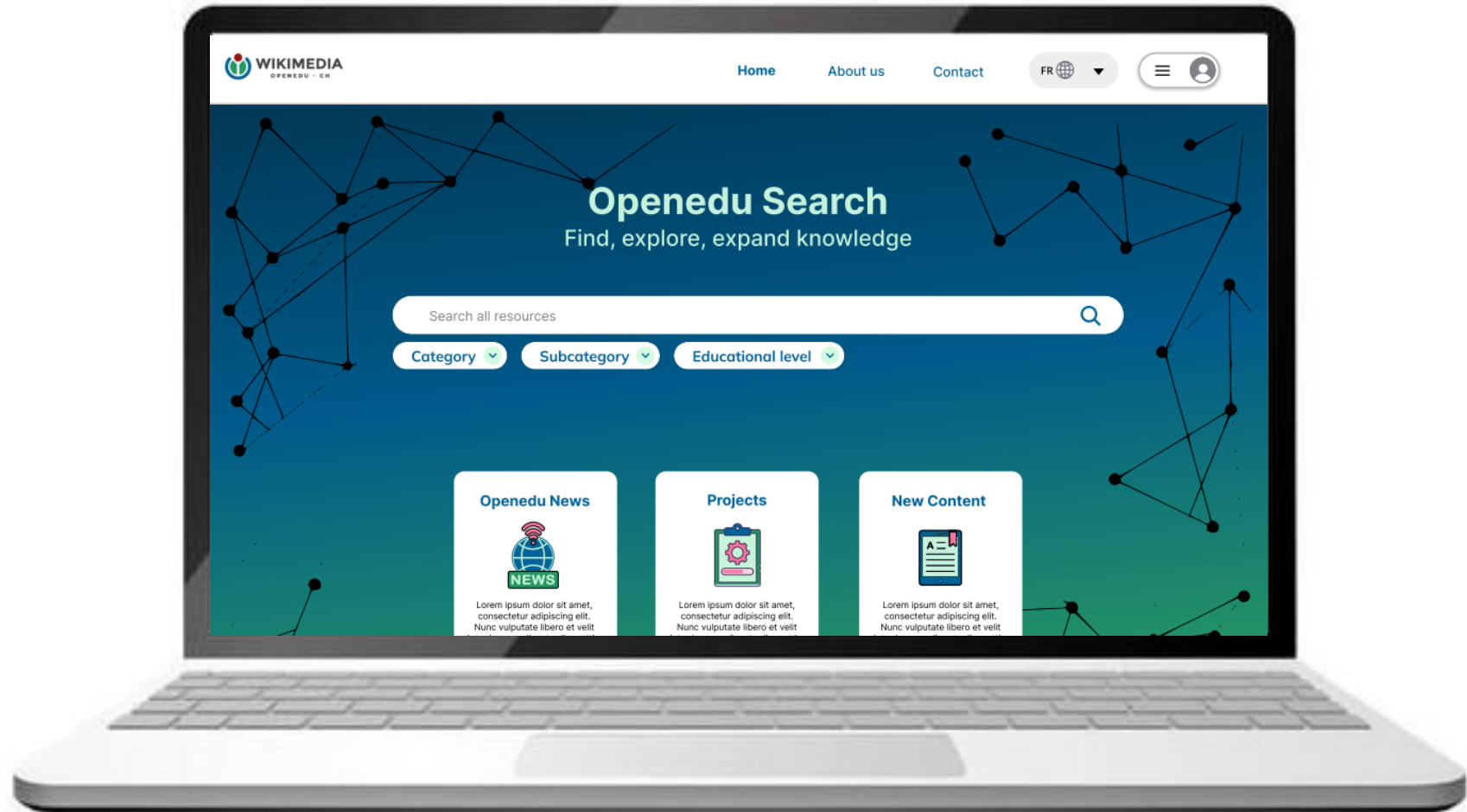
**By url:**

Web address of the institution, association or working group.

# Our Product

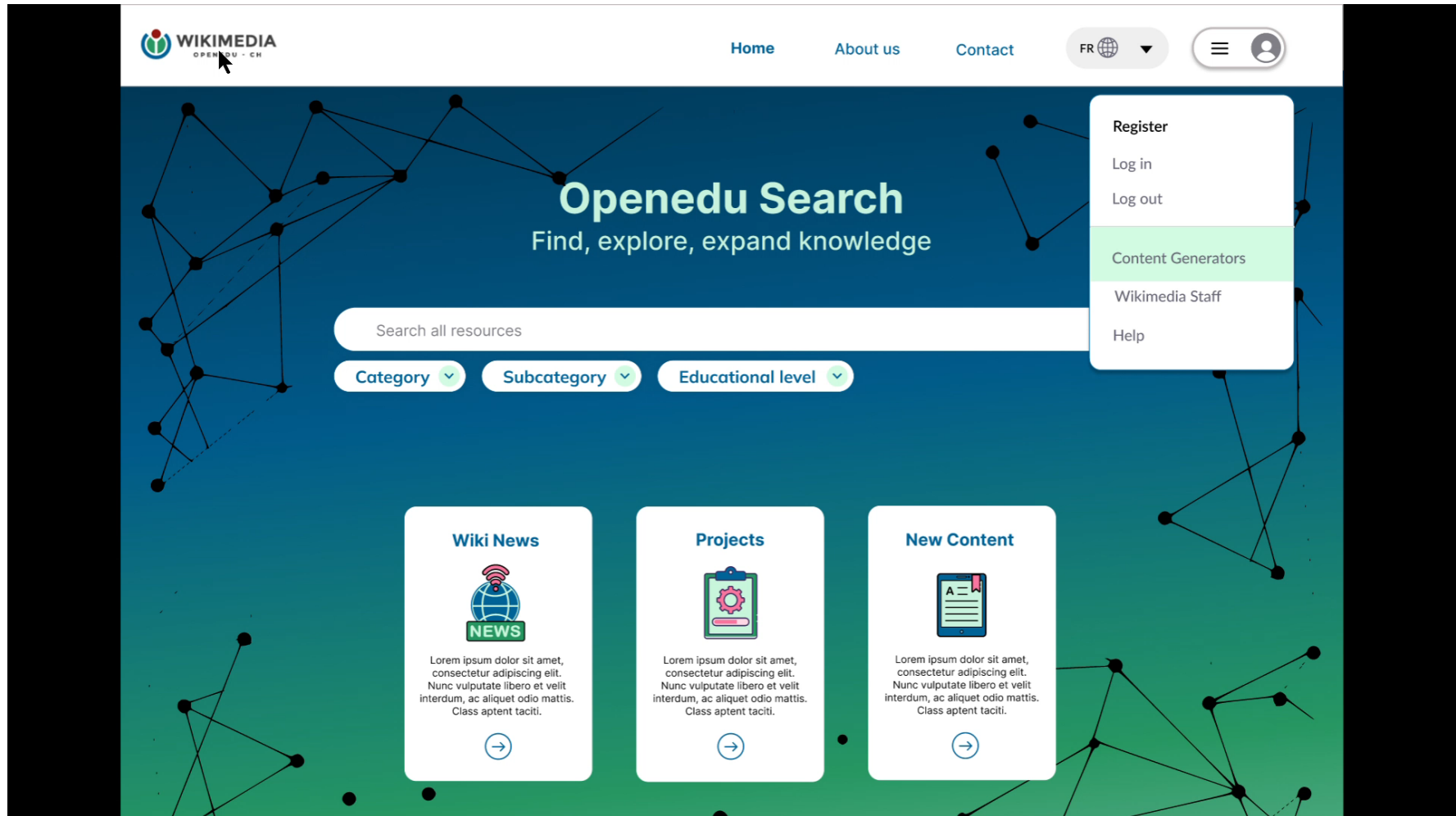


# Our Product

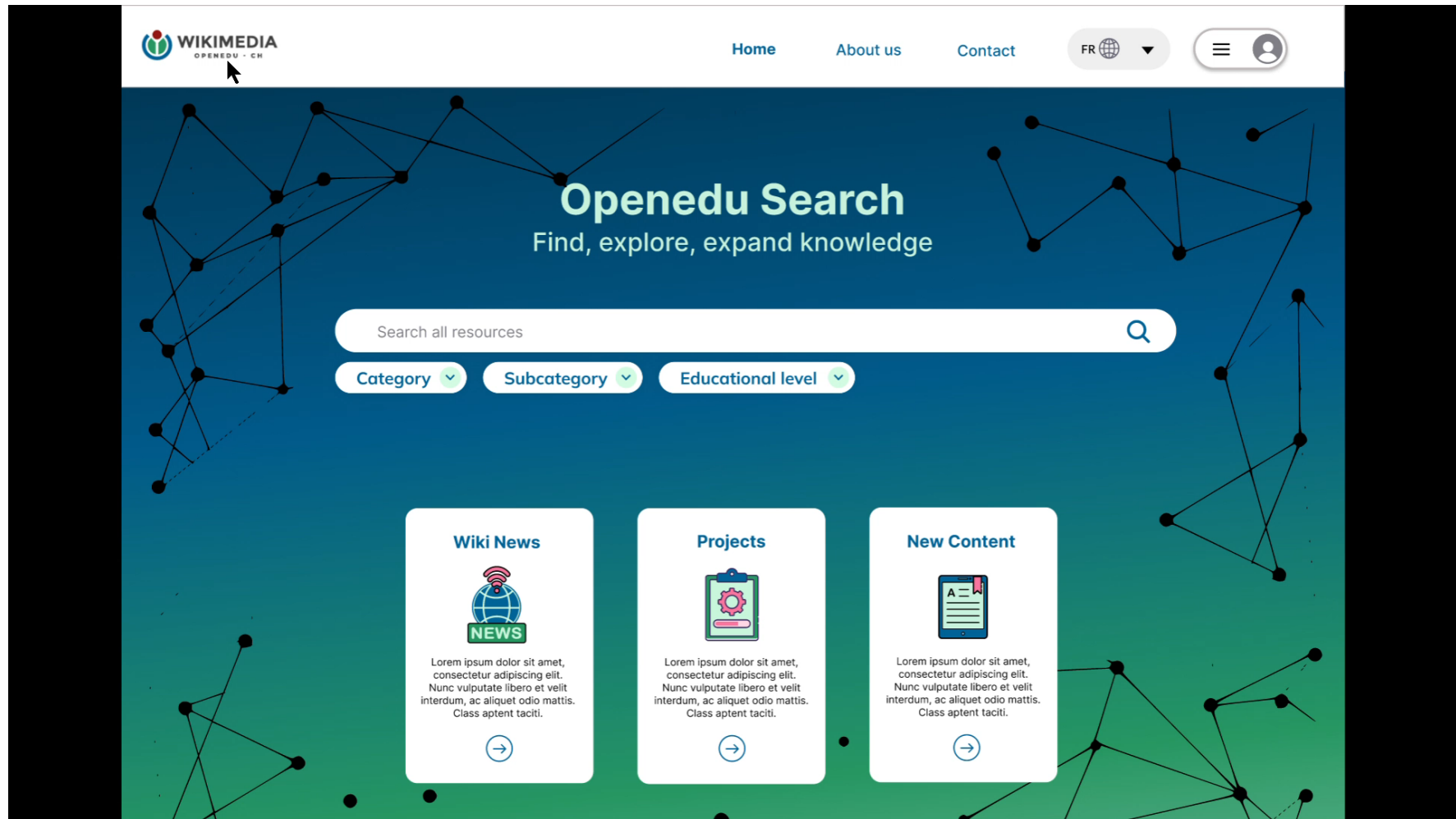




# Demo – The Content Creator



# Demo – The Approver



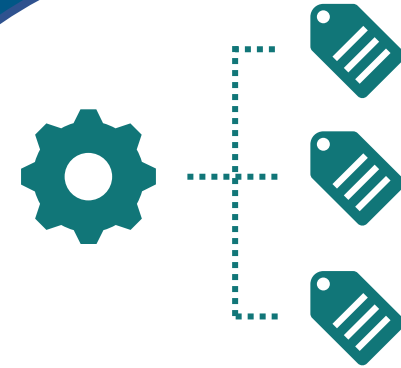


# Data Science Magic



## keyBERT mono:

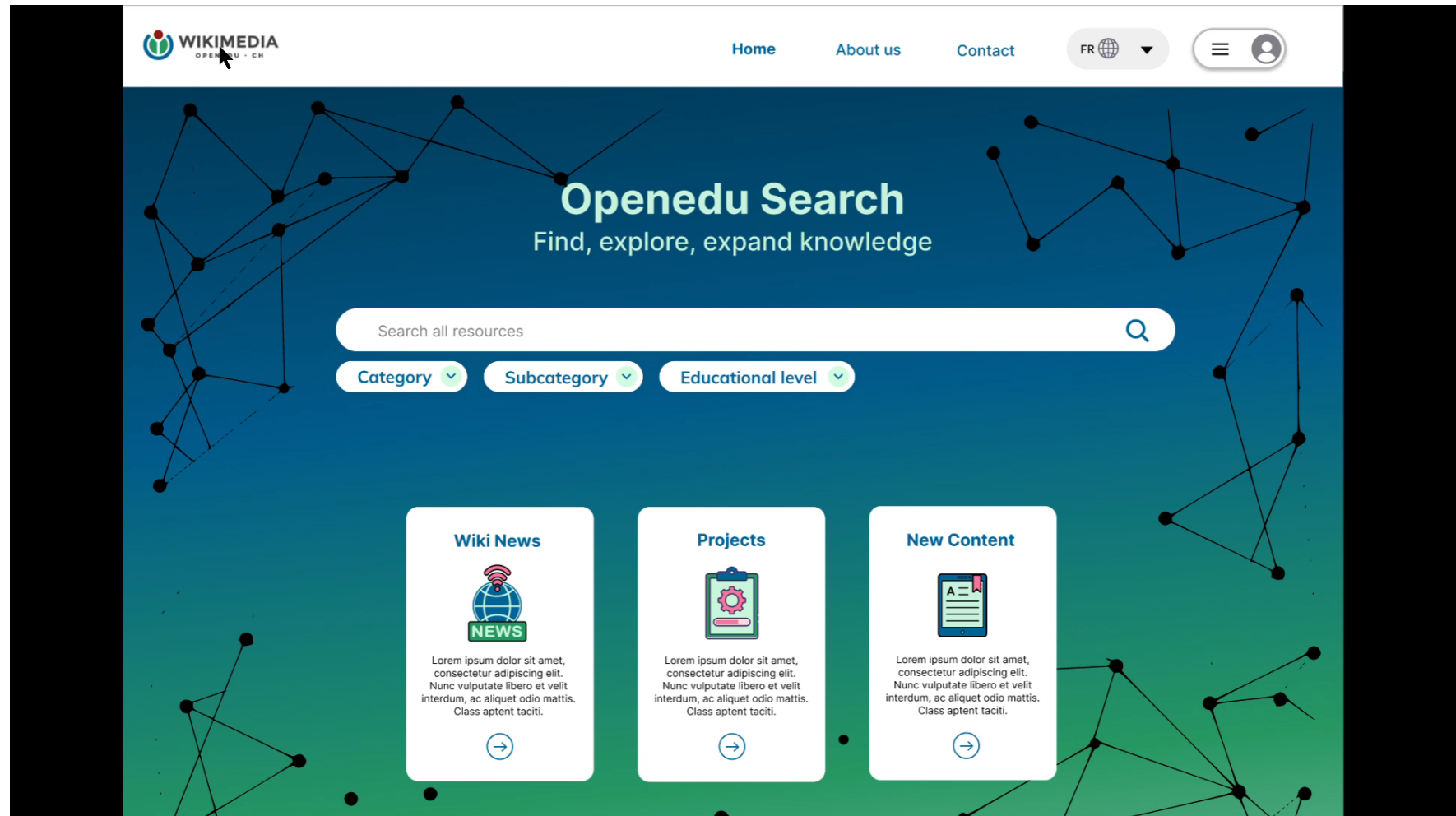
*keyword extractor for labelling  
subtopics*



## Zero-shot classification:

*classification of content based on  
labelled subtopics*

# Demo – The Searcher



# Advantages of our Product



## **The Content Creator:**

- Easier Upload of Content
- Sharing of collections



## **The Content Approver**

- Meaningful classification
- Dynamic ontology



## **The Searcher:**

- More intuitive search capabilities
- Related materials (keyword search)

# Further Improvements



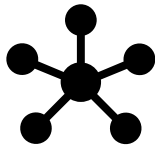
Handle duplication of material



Implement web crawlers



Explore other subtopic labeling methods

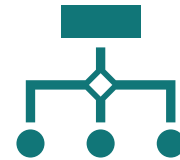


Implement relational search

# Our Learnings



Frequent and clear  
communication  
when on projects  
with tight deadlines



Building bridges  
between all  
disciplines



Adapting to agile  
methodology and  
to each other as a  
team



“I am very bad dancer, but I talk to myself a lot.”



“I cover my feet when I sleep, even if it’s 40 degrees, because I’m afraid ghosts will touch my toes.”



“World War III is on its way when I get hangry.”

“ 🤪 🕺 🍾 🌴 🧘 ”



“I always keep an open window in the room no matter how cold it is outside.”

“I have never learnt to swim, but I can swim in oceans of data”



“I feel great being surrounded by sheep.”





The Classifiers:  
*bringing order to  
disorder*



# The Classifiers' contacts

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