

COEN 60 Final Project

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Project formation

- Build a website as a team of 4.
- The site must contain information with a proposal of innovative solutions to solve a problem with technology.
 - **What problem?** To learn or work in a setting where the technology is not widely adopted.
 - Learn to code in any **programming language**.
 - Learn to **play a sport**.
 - Learn to **play music**.
 - ...
 - **What technology will be involved?**
 - **How the technology will be used to facilitate the problem-solving?**
 - **What visualizations can be implemented and used as part of the solution?**

Project deliverables & evaluation

- Deliverables:
 - Website (links and codes)
 - Presentation slides
- Evaluation:
 - Website (minimally) (60%)
 - MUST pass the validation on <https://validator.w3.org/>
 - MUST use CSS
 - MUST use JS
 - A page(section) to describe the problem & **technological** solution
 - A page(section) to describe the design
 - A page(section) of your team & members
 - Presentation (30%)
 - Slides
 - Demo
 - Peer evaluation (10%)

Some examples

Augmented Reality



A.I. Duet



Code in Virtual Reality

<https://www.youtube.com/watch?v=WWhohGNjvJI>



SignAloud: Gloves that Transliterate Sign Language into Text and Speech

<https://www.youtube.com/watch?v=NVCE7JR0FCQ>



Meet your classmates (20 minutes)

1. Work with people around you (4 people a group)
 - Introduce yourself (Major, Hobby, 1 fun fact about yourself, what would you like to learn?)
2. Share your **childhood bedroom design**
 - Draw it out
 - Take a photo and post it on Camino discussion post

Use your imagination.



Share with the class