



Assignment 3

Prototyping
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Goal

- Prototype, as a group, a digital wellbeing support for the digital service you identified in the second assignment.
- Some possible approaches include:
 - develop a high-fidelity prototype with [Figma](#) (no code)
 - develop a Chrome Extension (code)
 - develop an extension for Figma that leverage LLMs (code)
 - [...]
 - employ any prototyping strategy, including the use of physical objects

Steps

1. Stemming from the results of the first assignment and your skills:
 - **select** a digital wellbeing *problem* brought by the digital service you identified in the second assignment
 - **decide** from which *perspective* you want to address that problem (end users, designers, or regulators)
 - **agree** on the technical *strategy* to prototype a solution for the selected problem and perspective
2. **Brainstorm** different ways to realize your solution and make some **paper prototypes**, focusing on a restricted set of functionality (one or two, only!):
 - a paper prototype concretely shows all the fundamental elements, the major functionality, the main “screens” of a user interface, but it is realized with pen and paper, and it is hand drawn. Paper prototypes are really effective for rapid ideation.

Steps

- 3. Pick your best prototype to move forward.** Make a list of pros and cons for each prototype and give the reasoning for your choice:
 - if it makes sense, you can also consider moving some features from one prototype to the selected one.
- 4. Translate your paper prototype into a high-fidelity prototype,** using the agreed-upon technical approach.

Steps

5. **Create a report** summarizing what you have done in this prototyping phase.

Include:

- the identified digital service, the addressed problem, and the perspective you followed;
- the paper prototypes and motivations for selecting a given one;
- the high-level prototype, with screenshots and a textual explanation.

Steps

- 6. Present your work to the class.** About 10 to 15 minutes. There are no strict rules for the presentation format:
 - you can prepare some slides, you can use the report, or you can just speak;
 - make a small demo of your high-fidelity prototype, if you can!

Submission Instructions

- One per team, choose a "submitter"
- Convert the report in PDF and name it as follows: *Lastname_Firstname_ex3.pdf* (example: Monge_Alberto_ex3.pdf)
- Upload the resulting file to OwnCloud, at the following URL:
<https://baltea.polito.it/owncloud/index.php/s/SLnoiv6iq9HtmrB>
- Deadline: **Feb 13, 2025**

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