In this two days intense Hackathon, groups will work together to build a Proof of Concept (POC) prototype of a product or experience based on HCI methodologies.

The projects will be developed based on the theoretical and applied research knowledge students gained during the first semester, in exploring a new subject in an HCI perspective, and in understanding user needs and behavior.

Students will be challenged with prototyping in new tools and in developing a concept in an unfamiliar context.

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<th>Course No.:</th>
<th>Course Type :</th>
<th>Weekly Hours :</th>
<th>Credit:</th>
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<td>Workshop</td>
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<th>Course Requirements :</th>
<th>Group Code :</th>
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Course Goals

- Applying knowledge and skills acquired during the first semester in studying a new subject in an HCI perspective, understanding user needs and behavior, and prototyping.
- Experience the creative and intensive group work and sprint prototyping for POC which characterize Hackathons.
- Experience development process from brief to concept, low fidelity prototype and maybe medium fidelity prototype.
- Experiencing hardware prototyping
- Practice presentation to industry mentors

Grading

Projects will be presented at the end of the event and graded by a judges panel based on the following criteria:

- Participation 20% (individual)
- Project evaluation 40%
- Process evaluation 30%
- Project presentation 10%

Reading List

Hackathons as an informal learning platform. / Nandi A, Mandernach M.


Prototyping an IDEO Make-a-thon

Mixing makers, hackers, designers, and Open IDEOers in IDEO's London studio

in https://labs.ideo.com/2012/04/02/ideomake/