

European Project Semester in The Hague Spring 2016



Student life in The Hague

The Hague is bursting with culture and creativity and offers students an all-round experience, from galleries packed with Dutch masters to idyllic beaches and parks and buzzing nightclubs. It's a small-scale, hospitable city with an international attitude. Students graduating from The Hague have a head start in industry with an international outlook and names of renowned organisations on their CVs.

You can't imagine daily life without ICT and ICT is one of the most international sectors. The Faculty of IT & Design has therefore joined the EPS network and offers the following EPS projects.

Projects

Create an e-Health solution based on the Totem Open Source Sensor 'Aurora'

Your challenge is to create a Business Case and working prototype for an e-Health solution with the 'Open Source' Wearable Sensor 'Aurora' as a starting point. Get creative in thinking up a good use case or do your research in finding existing problems to be solved.

The Aurora is a small device (4.7x2.9x0.7 cm) with an advanced accelerometer, gyroscope, temperature sensor, microSD card slot and Bluetooth Low Energy on board. You have access to all the raw data of the sensors and since the device is open licensed, also to all hardware and case designs and embedded software code.

More information on the Aurora:

<http://openhealth.wemaketotem.org/>



Company involved

Totem: <http://www.wemaketotem.org>

Entry requirements: At least third year student of a relevant discipline and English at least level B2

Disciplines: Embedded systems engineering, software engineering, usability design, business development, marketing or similar.

Which semester: Spring 2016





E-buddy

“The Dutch government has many online ‘entrances’ for citizens to identify themselves and take care of official business: tax, insurance, social support, etc.. It is imperative that citizens not only are able to reach the entrances and conduct their business through them, but also in a safe manner. Logius, the government service provider for the DigiD (among others) is striving to make things easier and safer for all citizens (also the elderly).

In order to do so, the idea has risen to create a (ro)bot that is able to

- understand the wish of a citizen (“I want to fill in my tax forms”),
- is able to check the safety of system it is operating under,
- the connections,
- its own functioning and the identification of the person
- the identity of the citizen
- etc.
- ...in an independent way

The goal is to define and complete an achievable sub-project.”

Company involved: Logius - <https://www.logius.nl/english/>

Entry requirements: At least third year student of a relevant discipline and English at least level B2. Being able to define a sub project and complete it semi-independently as part of a team of students working on other facets

Disciplines: Software engineering, Human-machine interfaces, Information Security management or similar.

Which semester: Both spring and autumn semester

Location: The Hague

Service Design Project

Websites and apps are almost always part of more encompassing service – they form only a touch point in the contact between customer and service. In this project, we look beyond the digital interactions and (re)design the service as a whole. The approach of service design is to focus not merely on achieving the business goals, but on how the customers' experience can be optimised, which in turn will lead to better business results. Service design is very much a process of discovery, exploration, experimentation and creative thinking. In this project you will learn to work with a variety of techniques to elicit customer needs and find opportunities for innovation in services. Through co-creation, working with both the customers and service providers, you will develop concepts for new services and service experiences.

In this project you will be marked half way and in the second part of the semester you are free to specialize on this subject or choose another focus.

The project is supported by subjects on: Sustainable Design, Information Visualisation, Design Methods and a Design Elective of 6 EC.



Company involved: several

Entry requirements: At least third year student of a relevant discipline and English at least level B2.

Disciplines: All disciplines are welcome, but Design and IT in particular.

Which semester: Both spring and Autumn semester

Location: The Hague



General information:

Duration: One semester

Credits: 30EC

Language: English

Application procedure: Follow the THUAS application procedure: <http://www.thehagueuniversity.com/exchange-programmes/exchange-programmes/registration> and in addition, send your motivation letter, CV and your project preference to eps@hhs.nl

Deadline: 1 November for spring semester
31 May for autumn semester

Contact: eps@hhs.nl