IS Project (Bachelor & Master): Developing a new website for IS:link

Project scope

The goal of this master project is to develop a new website for IS:link. IS:link is a network of renowned Information Systems schools at universities from all around the world. The network's primary purpose is to promote international student exchange in Information Systems by removing the major obstacles that prevent students from spending parts of their studies at a foreign university, such as uncertain abroad credit acknowledgement that leads to prolonged graduation, high effort due to tedious bureaucratic processes, or tightly tailored curricula. Furthermore, IS:link is committed to foster international academic cooperation in teaching and research between the participating universities.

Within this master project, a new website for IS:link is to be created and developed. First of all, this includes the development and creation of an information site, which serves as a first point of contact for students planning their semester abroad. The development process should contain the following tasks:

- Requirements engineering, e.g. through interviews
- Coordinate requirements with stakeholders
- Select an appropriate website hosting service
- Website design and implementation
- Testing of the Website
- Documentation

Among other things, this website should contain the following functionalities:

- Provision of information about partner universities, the IS:link process or contact persons

Prof. Dr. Frederik Ahlemann

Universität Duisburg-Essen   Lehrstuhl für Wirtschaftsinformatik   Universitätsstraße 9
Fakultät für Wirtschaftswissenschaften   und Strategisches IT-Management   D-45141 Essen

Tel. +49 (0)201 183-6790
Fax +49 (0)201 183-6851
Web sitm.wiwi.uni-due.de
Mail Sekretariat.SITM@uni-due.de

- The option to easily update that information for the IS:link staff

- Modern and attractive design

- …

As a second result artifact, a platform should be created which will allow students to use the following functionalities, among others:

- Register and log in

- Viewing the current processing status

- Upload information, data or documents

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This includes the evaluation of different tools or programs for the development of the respective platforms. The presentation of the two platforms should work flawlessly on all end devices and in all browsers. The master project also includes a theoretical examination of the technologies and potential customer journeys.

This master project is recommended for groups of at least 4 students. Prior experience in web development is strongly recommended.

Project team

➢ All the participating students (Bachelor and Master) will be grouped into a single project team

- The students will, however, be further divided into sub-teams, which allows the accountability and responsibility for the given tasks to be clearly defined.
- Master students will have a larger number of tasks (than Bachelor students) and will take leadership roles in managing the sub-teams and conducting the quality assurance of the deliverables.

Project Registration

Interested Bachelor and Master students (or groups of students) can apply for this project by submitting a) a *current grade transcript* and b) a *brief motivational letter* before **Wednesday, 06.05.2020, 23:59**. Please send your application, including the relevant documents (in PDF format), via email to **Erik Karger** (erik.karger@uni-due.de), using the subject line **SITM IS project – summer term 2020**. Shortly after the submission deadline, you will receive information via email about your acceptance and the date of the initial kick-off meeting for this project.

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