

Proposal for final project in Computer Science at Reykjavik University

Honarista Website and Mobile App

Prepared for Honarista ©

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1. The aim of the project

Honarista Website and Mobile app is essentially a project for the company Honarista which provides the company with a website and (depending on the number of students) a mobile app which is suitable with the company's demands. The company Honarista provides artists with a platform that assists them in selling their art online via their own online shop. And customers to easily shop for mentioned handy craft made by artists without having to actually go to shops. Also with each purchase, if the customer desires, a tree will be planted in their name in Honarista's Park.

2. Detailed description

In the website part of the project, a student is expected to design and implement an appropriate database, logic, and user interface for a platform on which users may sign up for free, create shops for themselves and put their handmade items up for sale easily. A customer must be able to browse the shops without having to register and add items to their carts, but for checkout of their cart they need to be logged in. And the green purchase option is to be added to the website.

The mobile app needs to be able to do everything the website does but more suitable to be used on smartphones.

A requirement list and a flowchart of the desired application will be given to the students once they choose the project; however they are allowed to add improvements.

3. The outcome of the project

At the end of this project, a well-designed and developed website is to be presented to be run on the company's bought server.

If time and resources allow it, the mobile app is to also be delivered.

4. The scope of the project

We are looking for 2 to 4 students, with 300 hours commitment each.

5. Technology

The system used for the Database design is pgAdmin3, PostgreSQL

The language under which the logic programming is done is preferably Java, but C# is also acceptable.

Any relevant UI language or tool the group of students use is acceptable as long as it can be run on different browsers.

6. Facilities and workspace

This will be determined upon acceptance of the project and the size of the team.

7. Student qualifications

Students should be able to follow the requirements and be able to do appropriate documentation, coding and test generation. Knowledge of PostgreSQL or HSQLDB, Java, and UI programming.

8. About the company

Honarista is to be launched in Iran given that the company only provides National Shipping and is based there, but with further development international delivery and launch may also be possible.

9. Other information

N/A

10. Corporate Responsibility

Honarista will retain rights to use to the application after the project has completed.