

Project Plan

Individual Project

ICT & Software Engineering – Semester 3
S3-CB-S3-CB01

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Location: Fontys ICT, R10 building, Eindhoven

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Introduction to the assignment

The project should have a JavaScript framework based front-end part, and an API with database based back-end.

Idea of the project:

Website for ordering clothing items. Users can use the website with or without an account and can choose between the available products on the website and buy them. The user can input his/her clothing measures and the website will show him/her the best product options for him/her. The products on the website are divided by categories. Users can choose between the available sizes of the clothing items. The website also has community and sales manager roles. Community managers can manage customers' accounts and sales managers are managing the products' information. By ordering clothing items, the customers can collect special points. The special points are used for accessing special discount offers. The special discount offers can be in percentage or in currency value.

Logo:



Deliverables

Sprint 1

1. Project Plan
2. URS document
3. UML diagram – first version
4. First setup of Restful API
5. GIT repository

Sprint 2

1. ...

Sprint 3

1. ...

Sprint 4

1. ...

Sprint 5

1. ...

Sprint 6

1. ...

Week One

Activity name:	Idea	Delivery date:	03.09.2021(Friday)
Input:	N/A		
Budget:	8/h		
Activities:			
<ul style="list-style-type: none">○ Come up with idea○ Come up with user stories○ Start working on a Project Plan○ Create a GIT repository			
Output:	Git repository - https://git.fhict.nl/I450701/individualproject_veronikavaleva.git User stories		

- Self-check at the end of the week – Check the work done / Check the unfinished processes

Week Two

Activity name:	URS document	Delivery date:	10.09.2021(Friday)
Input:	User stories		
Budget:	8/h		
Activities:			
<ul style="list-style-type: none">○ Start working on URS document. Work on actors and responsibilities and data constrains.○ Update the Project Plan			
Output:	URS document Project Plan – first version		

- Self-check at the end of the week – Check the work done / Check the unfinished processes

Week Three

Activity name:	Deliver Sprint 1	Delivery date:	17.09.2021(Friday)
Input:	Project Plan URS document GIT repository		
Budget:	8/h		
Activities:			
<ul style="list-style-type: none">○ Working on a UML diagram○ Working on a first version of a Restful API Design<ul style="list-style-type: none">-Create logic layer classes – User (Customer, Manager), Product-Add enumerations about clothes sizes, account/product status, manager type-Add service classes (Customer/Product/ManagerService)-Add temporary database (Customer/Product/Manager)-Add interfaces to the database classes-Add controllers for Customer/Product/Manager classes-Add unit tests for the service classes-Add exception methods			
Output:	UML diagram – first version Restful API Design – first version Sprint 1 deliverable		

- Self-check at the end of the week – Check the work done / Check the unfinished processes

