

Website backlog for group 24

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Abstract

This is a backlog for a project that has the goal of setting up a website and database for a office supply webshop.

Method

With an agile approach we will develop the website in 3 development cycles (called sprint), each focusing on different levels of abstraction. We plan on using HTML5 (HTML, CSS, JS) for the front end and Node.js (JS) + MySQL (SQL) for the back end.

End product

Working website for selling office supplies.

Features:

- Dynamic shopping cart
- Categorizable sortiment which is easily sortable
- Easily navigated website

What needs to be done:

- Setup back end
 - Database
 - Setup user cases
 - Customer
 - Administrator
 - Developer
 - Design a database schema
 - Implement all above
- Setup front end design
 - Design
 - Index/welcome site
 - Product site
 - Contact/Service site
 - Login site
 - Cookie requirement?

Sprint 1

During sprint 1 we aim to have the basic structure of the website complete to make further development easily accessible.

Objectives

Front end: Coded in HTML5, Back end: node.js.

Server is hosted on the utbweb website.

What needs to get done:

- Needs setting up on server (High prio, Total time estimated: 4hrs)
 - Setup basic html and css for all pages (Time estimated: 2hrs)
 - Connectivity between all parties (Time estimated: 2hrs)
- Setup and get acquainted with the database (High prio, Time estimated: 2hrs)
- (If there is extra time) Plan sprint 2 and sprint 3 (Low prio, Time estimated: 2hrs)

Demo:

- Query to and from database (Requirements: HTML, connectivity between elements and a working database)

Sprint 2

Objectives

Front end: Redirect page setup.

Back end: Setup the ordering system such that users can add to cart and place orders.

What needs to be done (listed after priority):

1. Setup admin pages (High prio, Total time estimated: 1hrs)
2. Setup login system (High prio, Total time estimated: 3hrs)
3. Setup so that admin can add products (High prio, Total time estimated: 2hrs)
4. Setup cart system (High prio, Total time estimated: 3hrs)
5. Setup order system (High prio, Total time estimated: 1hrs)
6. Plan sprint 3 (Low prio: 1 hrs)

Demo:

Login as admin, add products to the list/database.

Login as user, add products to cart and order.

Sprint 3

Objectives

Front end: Small fixes.

Back end: Setup the review system such that users can add a review to ordered products.

What needs to be done (listed after priority):

1. Setup review system (High prio, Total time estimated: 2hrs)
2. Setup change account information (High prio, Total time estimated: 2hrs)
3. Setup stock management (High prio, Total time estimated: 1hrs)
4. Fix so admin can add pictures when adding product (Low prio, Total time estimated: 1hrs)
5. Setup password encryption (Low prio, total time estimated: 1hrs)

Demo:

Login as admin, add more products to stock, add/remove reviews, change account information.

Login as user, add/remove reviews, change account information.