

## Systemudvikling Eksamen

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# 1. Indledning

## 2. Systemudviklingsmodel og metode

### 2.2. Virksomhedens krav

### 2.3. Virksomhedens vision

### 3. Use Case Diagram

## 4. 1 udvalgt Use Case

## 5. Outsourcing proces

## 6. Scrum plan



## 7. XP plan

## 8. Scrum-proces

### 8.1. Roles

### 8.1. Ceremonies

### 8.1. Artifacts

## 9. XP-proces

## 10. Reflektion over processen

## 11. Bilag

## 11.2 Bilag 2) Prototype af webdesign

Seeking HTML/CSS designer.

We are looking for a designer to develop a frontend design for our software web-shop. We have made a sketch/prototype, that you should take inspiration from. We would like the design to contain different buttons, labels and input fields, as seen on the sketch. The designs of the pages are completely up to you. You are allowed the freedom to make your own decisions regarding the looks of the components (e.g. labels, filters, menu bars, etc.).

The sketch is merely meant as an inspiration. We would however like to emphasize that the design should resemble the fact that we are selling software.

In the sketches you will see different boxes with P's in them; these are products. They are meant to be images of said product and the price should be featured somewhere on or close to the product.

The logo should be a button.

We would like the filter to feature check boxes, a slider and drop down boxes, all should be reusable.

Lastly it is only the design and styling you will be responsible for. We will make all functionality and make it compatible with our API.

On a side note we would much appreciate it if you will feature descriptive comments on your code, as it will be easier to integrate your work with ours.

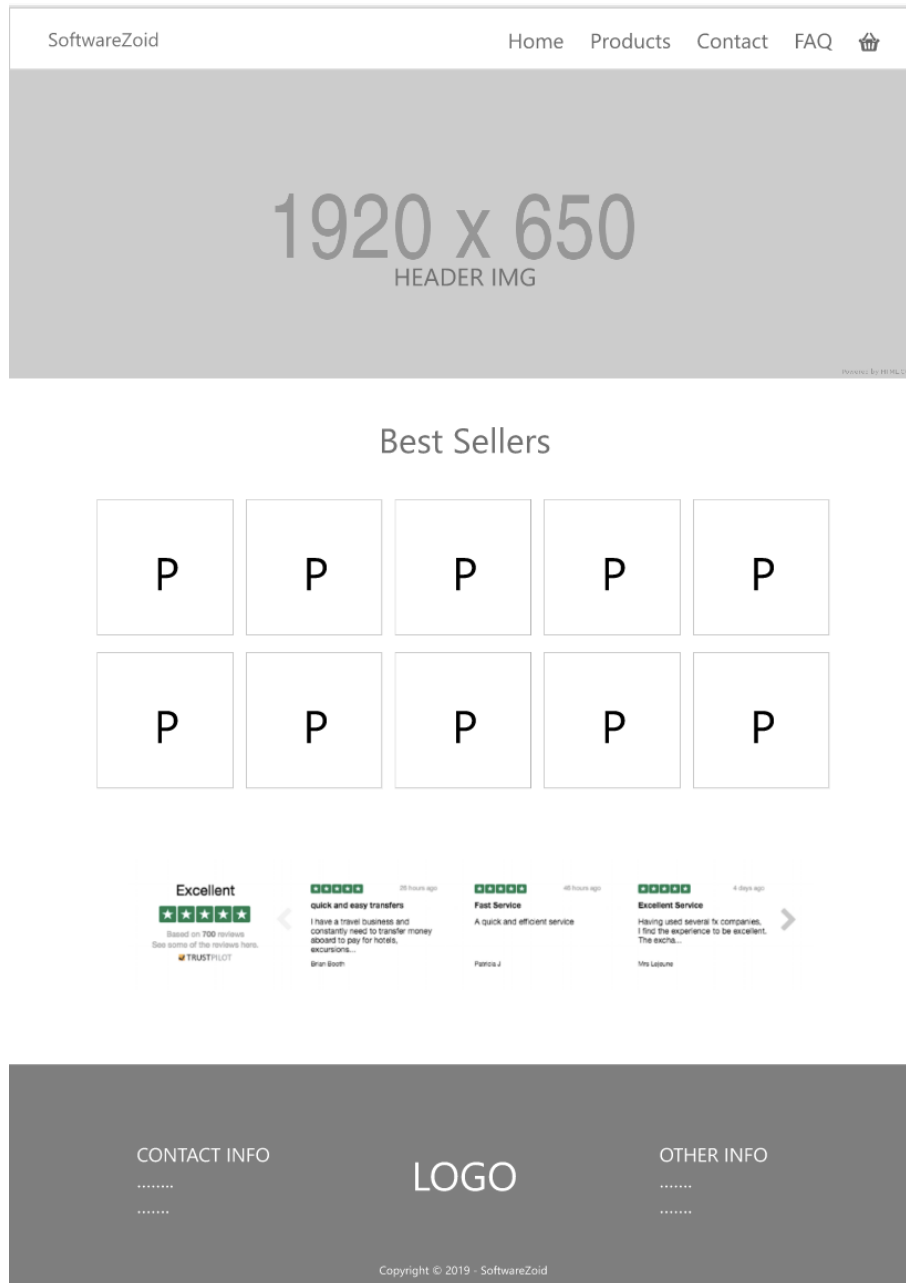
### **Header:**

Will contain a logo which has a link to the front page, alongside with a navigation menu with links to subpages, and an icon of a shopping cart which navigates to the shopping cart.

### **Footer:**

Has 3 columns:

1. Contact information text.
2. Logo along with copyright information.
3. Other info about the company or page.



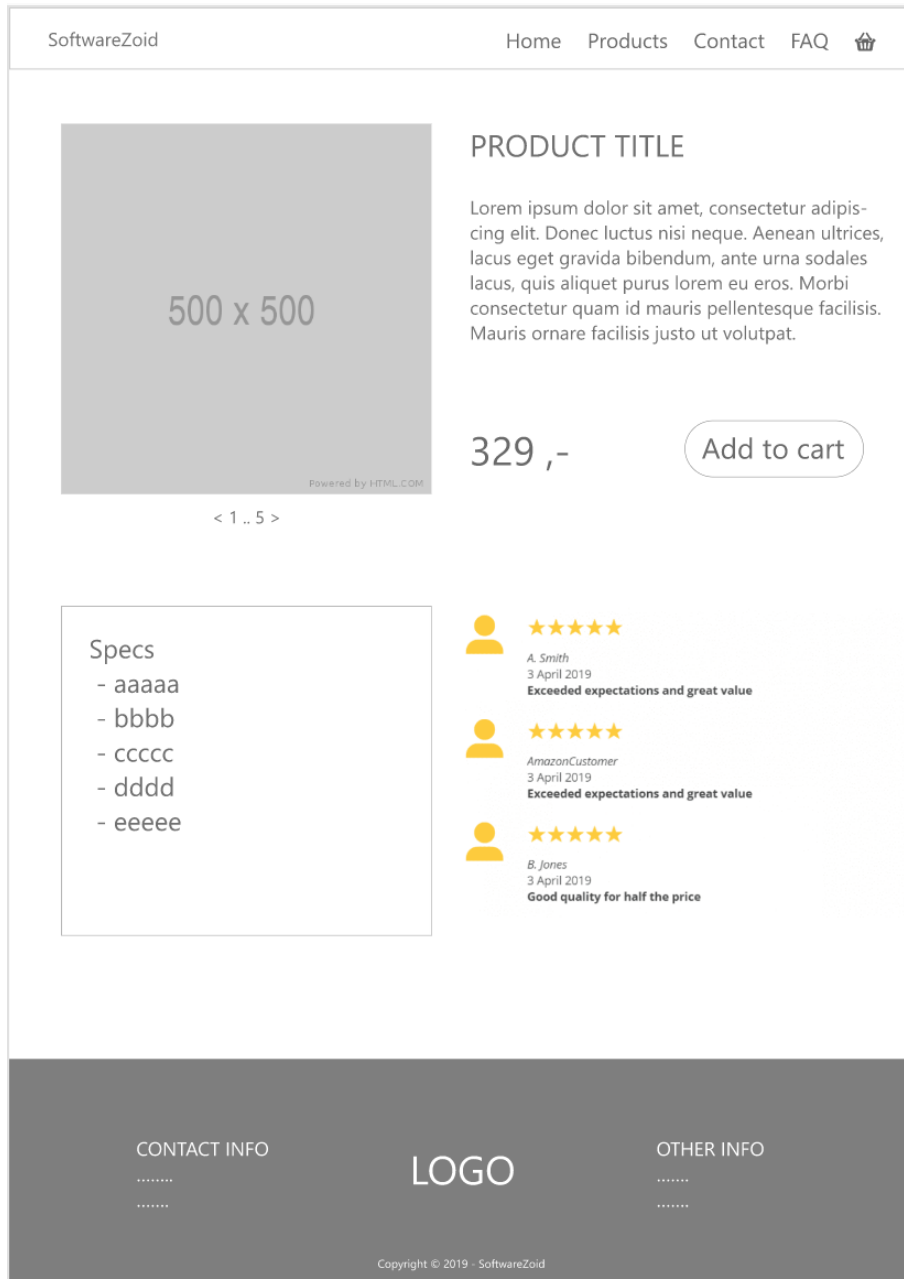
This page consists of 3 sections:

- Header image: The width scales with the page, the height is fixed, though it doesn't have to be "650"
- Best Sellers: Shows the best selling products, where P is the product with an image, title and price.
- Reviews: Must show 4 reviews per page in the slider. Contains stars, title, info and name.

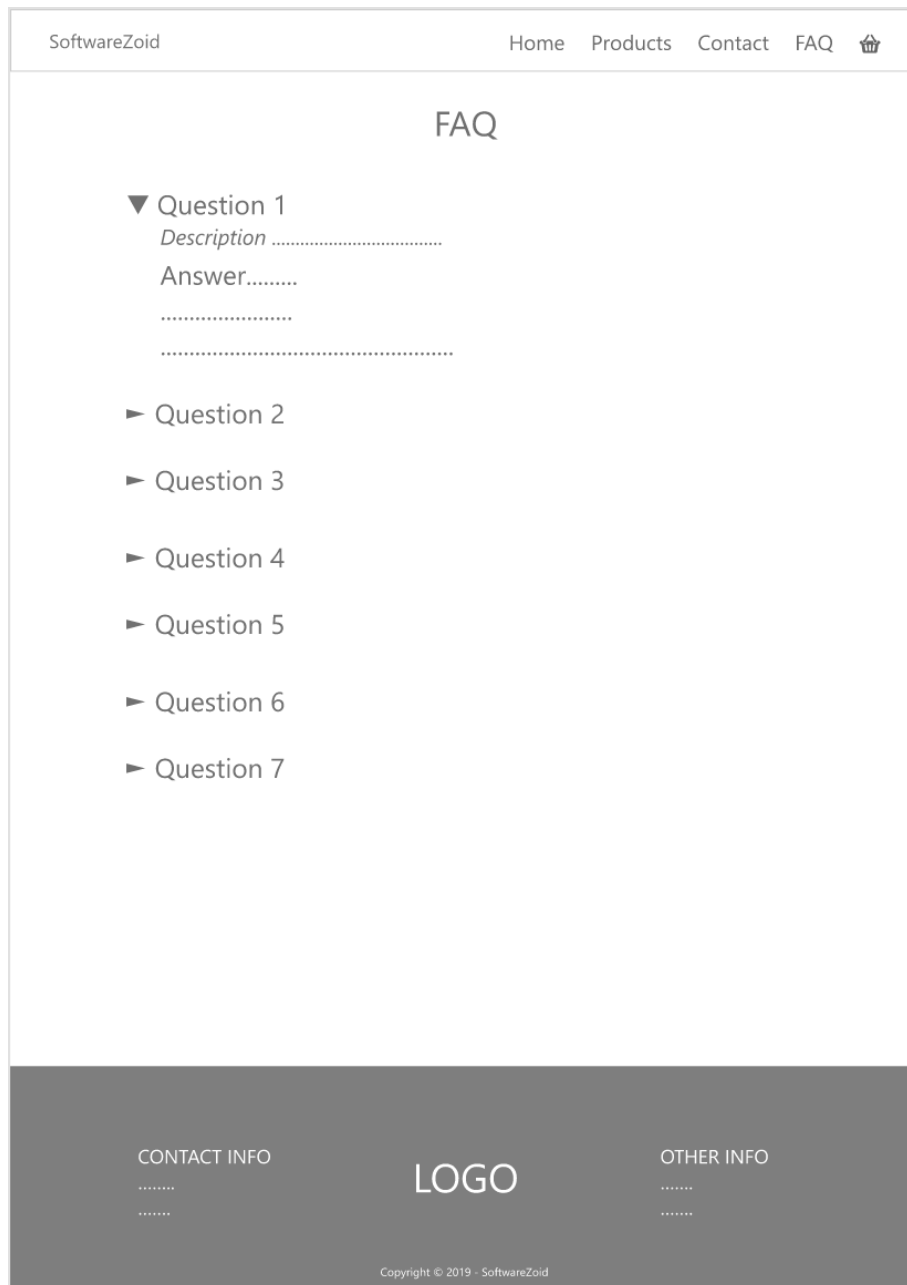


The products page, for each P(product) it should include an image, title and price. The filters (on the left side) includes a checkbox, slider and a dropdownbox. The 3 components must be reusable. We also need pagination under each product.





This page consists of images of the given product with pagination under it. The page includes a product title, a description of the product and a button. The specs must be made as a table of the most important information on the product. This page also includes reviews of the product which includes a rating, name, date and info.



FAQ has 1 section

- This section consists of several questions of which are dropdowns. The description and answer to the question is only shown when the question is clicked/opened.

SoftwareZoid

HomeProductsContactFAQ

Contact Us

Site Description

Who Are We

Have any questions?

Full Name

Email

Phone

Subject

Message ....

Send Message

CONTACT INFO

.....

.....

LOGO

OTHER INFO

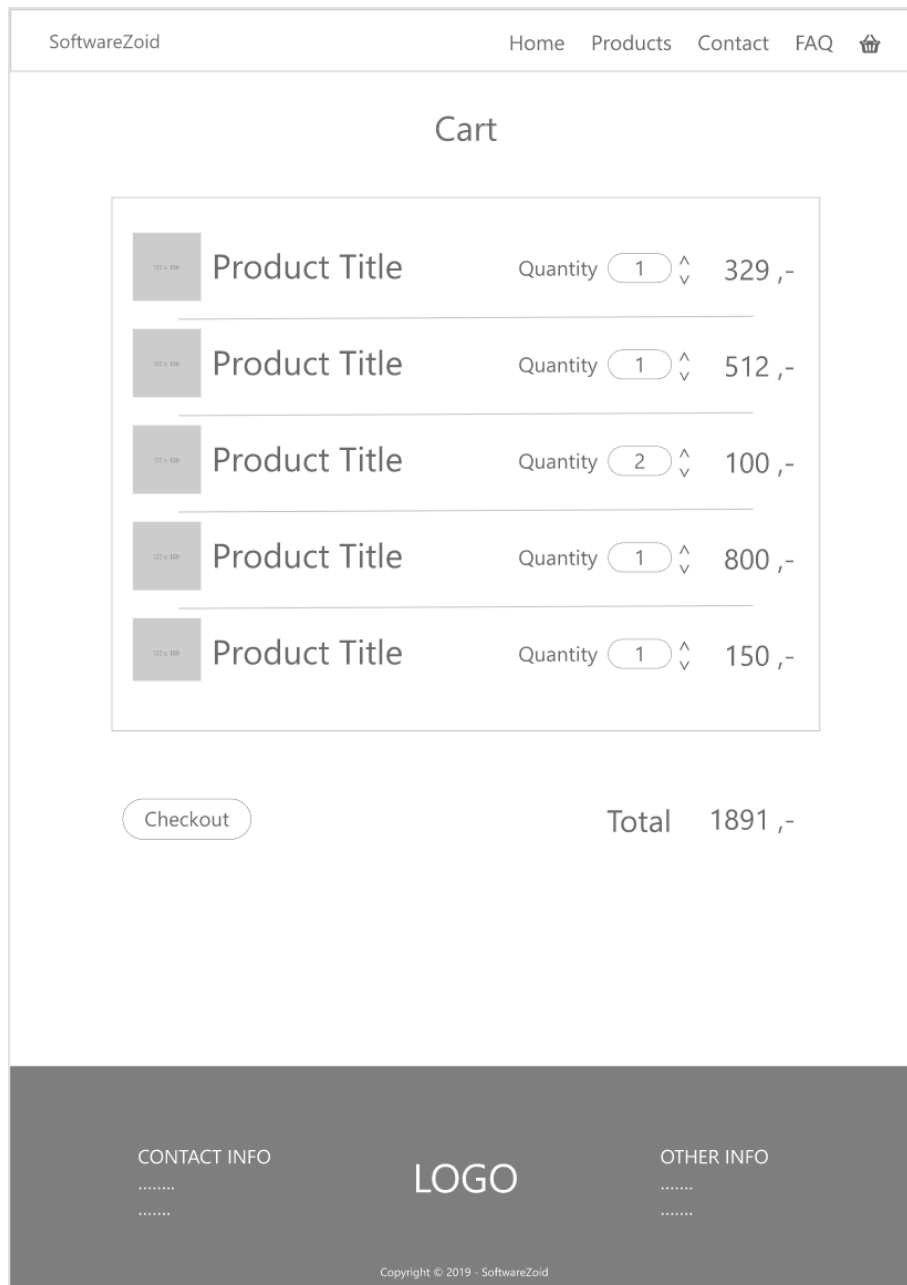
.....

.....

Copyright © 2019 - SoftwareZoid

The contact page consist of 3 sections:

- A site description and a “who are we”: Has to show a lot of text in a pretty and manageable way.
- Have any Questions: a form with these input fields: full name, email, phone, subject and message.



The cart page has a list of all the products that the customer has put in their basket, has to be presented in a table. In each table row there must be a product image, a product title, a display of quantity, and a price. Under the table there has to be a checkout button, alongside with a total price for all products in the basket.

SoftwareZoid
Home
Products
Contact
FAQ

## Checkout

	Product Title	Quantity	1	329 ,-
	Product Title	Quantity	1	512 ,-
	Product Title	Quantity	2	100 ,-
	Product Title	Quantity	1	800 ,-
	Product Title	Quantity	1	150 ,-

Total 1891 ,-

Full Name

Email

Phone

Address

ZIP

City

☐ Other delivery address?

Powered by

CONTACT INFO

LOGO

OTHER INFO

The checkout page will contain a list of the products that were put in cart, shown in a table. In each table row there has to be a product image, product title, quantity and product price. Under the table there has to be a display of the total price and a checkout form. The checkout form must contain following fields: full name, email, phone, address, zip and city, the form must also include a checkbox for alternative shipping address. Lastly a pay with paypal button.

## 11.3 Bilag 3) Outsorce Korrespondance af webdesign

Tuesday, November 12, 2019 – Andreas Vikke

We're a team of backend developers that are working with a client that sells software and software packages.

We're looking for a frontend designer with a simplistic form of creativity, and likes the creative style of minimalism. The actual design of the frontend page(s) is not specified, you will be provided a sketch of how and where labels and buttons should be places, but we will gladly take input from you if you have better ideas.

We do although require that the code is documented to some degree with comments so that we can more smoothly integrate it with our backend. We also require that you as the designer can both understand, and write English.

The sketch is made in Adobe XD, and provided here there's a demo page:

<https://xd.adobe.com/view/5da95fa7-c677-44d6-6430-3383f6cf8c37-2b98/> (Bilag 2)

(Attached is the 3 files: The Sketch in PDF and XD format, and a general description PDF of all the pages)

Est. Budget: \$200.00

Milestone 1: Basic Structure / design

Due: Friday, November 15, 2019

Amount in escrow: \$50.00

Tuesday, November 12, 2019 – Andreas Vikke

Hello Ahmed, I found your profile and previous work very well done, and I'm hoping you'll accept our offer. If you have any questions regarding the milestones or their meanings please do contact me.

Tuesday, November 12, 2019 – Ahmed Hassan

Hello Andreas I will check the attached files now and get back to you

Tuesday, November 12, 2019 – Andreas Vikke

Perfect, thank you.

Tuesday, November 12, 2019 – Ahmed Hassan

Hello Andreas, I checked the files and I can start in anytime , thank you.

Tuesday, November 12, 2019 – Ahmed Hassan

Ahmed Hassan accepted the offer

I will start now can I know if you use angular for front-end ?

also I will use scss is this good for you or you preferred css ?

Tuesday, November 12, 2019 – Andreas Vikke

We use react for front end, not angular.

You can use scss, as long as you provide us with a css file afterwards

Both the scss and css file i mean :)

Tuesday, November 12, 2019 – Ahmed Hassan

great, thank you.

Tuesday, November 12, 2019 – Andreas Vikke

Looking forward to seeing what you make :)

Tuesday, November 12, 2019 – Ahmed Hassan

I will do my best :)

Tuesday, November 14, 2019 – Andreas Vikke

Hello Ahmed, do you have some basic structure and design you can show me as per the first milestone? :)

Tuesday, November 14, 2019 – Ahmed Hassan

Hello Andreas, I will give you tonight the layout and home page, don't worry :)

Tuesday, November 15, 2019 – Ahmed Hassan

Ahmed Hassan requested payment for the milestone

this is the layout and home page also I create a global css buttons and selectors.

I added overview section, our team and contact us. I think Contact us is important to be in home page but if you want to delete any section I will.

please give me your feedback or changes If you want to change anything

Milestone 1: "Basic Structure / design"

Due: Friday, November 15, 2019

Amount: \$50.00

Tuesday, November 15, 2019 – Andreas Vikke

Hello Ahmed, at first glance it looks great! my team is just reviewing it and coming with thoughts and changes, then i will send them and the money to you :)

Tuesday, November 15, 2019 – Ahmed Hassan

Okay and also I will update small things to improve the homepage :)

Tuesday, November 15, 2019 – Andreas Vikke

Sounds great! :)

Tuesday, November 15, 2019 – Andreas Vikke

Hello Ahmed, everything seems very well. It seems like the buttons aren't really going to the right places though, FAQ goes to "best sellers", basket goes to contact us, contact us goes to a "about us" section. I'm assuming this is because the faq and cart page haven't been made yet? :)

We like the OPA style that you've made, although we don't need an about us section as a "our team" sort of thing.

I think it's a good idea with the contact section being on the home page, i haven't heard any comments from my team regarding this though, so we'll keep it like that for now :)

Now that the basic structure and design is in place, we're just missing some of the remaining pages (Specific product page, FAQ, basket and checkout). As said you still have your artistic freedom over these pages as long as it has the requirements from the sketch (e.g. specific product has title, description, price and so on).

If you have any questions or uncertainties, don't hesitate to write me, I'll respond as quickly as possible.

Looking forward to what you produce :)

Andreas Vikke approved the milestone

Milestone 1: "Basic Structure / design"

Due: Friday, November 15, 2019

Amount paid: \$50.00

Amount: \$50.00

Andreas Vikke activated the milestone

Milestone 2: "Final Outcast/Evaluation"

Due: Sunday, November 17, 2019

Amount: \$50.00

Tuesday, November 15, 2019 – Andreas Vikke

For the final Outcast we'd like that the specific single products get their own page, as well as faq, basket and checkout. :)

Tuesday, November 16, 2019 – Ahmed Hassan

Don't worry in the final outcast everything will be like you want :)

Tuesday, November 16, 2019 – Andreas Vikke

Perfect! :)



Tuesday, November 16, 2019 – Ahmed Hassan

Ahmed Hassan requested payment for the milestone

please check the whole website design and I still have some work with it

Milestone 2: "Final Outcast/Evaluation"

Due: Sunday, November 17, 2019

Amount: \$50.00

Tuesday, November 16, 2019 – Andreas Vikke

Hello Ahmed, very impressive! :)

We do have a few pointers though:

I can see you haven't quite finished the contact page, and that the navlink contact currently goes to whatever page it is currently on, that of course just needs fixing and I'm assuming that this is what you mean with you still have some work to do :)

On the basket page i can see that there's a payment option, we only want that in the checkout page.

On the product page, the filter tab is responsive with the body and the body shrinks according to the filter, but the footer does not, we'd like that it does as well.

I can see we are also missing the page when you click on "more details" on a product. i can see it's there, it's just not linked from what i can get. :)

I haven't been able to check yet whether or not it looks nice on mobile, but this is also important to us, that the website can adapt to this.

So just the last bits and mobile friendly and we're about there! We're very happy with what you've provided so far, looks very nice!

Andreas Vikke approved the milestone

Milestone 2: "Final Outcast/Evaluation"

Due: Sunday, November 17, 2019

Amount paid: \$50.00

Amount: \$50.00

Andreas Vikke activated the milestone

Milestone 3: "Final Product"

Due: Tuesday, November 19, 2019

Amount: \$100.00

Tuesday, November 19, 2019 – Andreas Vikke

Did you see and understand my message Ahmed? :)

Tuesday, November 19, 2019 – Ahmed Hassan

Yes I am working now to give you final design :)

Tuesday, November 19, 2019 – Andreas Vikke

Perfect! :)

Tuesday, November 19, 2019 – Ahmed Hassan

Ahmed Hassan requested payment for the milestone

Milestone 3: "Final Product"

Due: Tuesday, November 19, 2019

Amount: \$100.00

this the final version please check it and if you face any problem send to me anytime also if you face any problem in my work after closing the contract I will fix it for free :)

Tuesday, November 19, 2019 – Andreas Vikke

Perfect, we're just going to look it through and I'll come back to you, at first glance here it looks amazing :)

Tuesday, November 19, 2019 – Andreas Vikke

I've sent it off to the rest of my team, and awaiting to hear some response and feedback from them, but i noticed some small details I'd liked fixed :)

When in basket, continue shopping doesn't go to products.

Also in basket, the home link doesn't respond when clicked (can't go from basket to home).

When on products page, notice how it's not the same logo in the cart as in all other pages, we'd like that the logo for the cart is consistent throughout the pages.

That's what i just noticed quickly looking through it, I'll send the feedback if i get any later today, and if i don't get anything I'll just send you the money :)

Tuesday, November 19, 2019 – Ahmed Hassan

okay bro, I fixed the issues that you noticed :)

Tuesday, November 19, 2019 – Andreas Vikke

It looks good, some things went missing and/or misaligned though

Filter icon gone and misalignments in the cart

Tuesday, November 19, 2019 – Ahmed Hassan

oh, sorry :D

Tuesday, November 19, 2019 – Andreas Vikke

Perfect, thanks 'haven't heard back from my team yet, but expecting some feedback soon! :)

Tuesday, November 19, 2019 – Andreas Vikke

So what seems to be the last feedback is that we'd like a "back" button from product details to products, do you think you could do that quickly? :)

Tuesday, November 19, 2019 – Ahmed Hassan

I added it :)

Tuesday, November 19, 2019 – Andreas Vikke

Perfect, thank you very much 'My team doesn't seem to have any more feedback, so i thank you for your help! :)

Andreas Vikke approved the milestone

Milestone 3: "Final Product"

Due: Tuesday, November 19, 2019

Amount paid: \$100.00

Amount: \$100.00

Tuesday, November 19, 2019 – Andreas Vikke

Andreas Vikke ended the contract

Tuesday, November 19, 2019 – Ahmed Hassan

thanks you very much , I am here anytime if you need any help :) I hope you give me a good feedback :)

Tuesday, November 19, 2019 – Andreas Vikke

Thank you very much :) and I've given you 5 stars a long with a good review text :D

Tuesday, November 19, 2019 – Ahmed Hassan

thank you :)

## 11.4 Bilag 4) Outsorce Korrespondance af 404 side

3. Dec. - William Huusfeldt

1. **Your existing website link to get the feel of your website.** The website that we're building is linked below. [softwarezoid.surge.sh](http://softwarezoid.surge.sh)
2. **Any special requirements for your design** Be as creative as you like, however, we'd like it that the page reflects that we're dealing with software sales.

3. Dec. - Mizanur

Hello, thanks very much for your order. Unfortunately, I am out of my workplace until tomorrow. Will it be possible for you to increase the deadline by 2 days? I promise to get back to work as soon as I return to my workplace. Thanks.

3. Dec. - William

Hi again, That's quite alright.

3. Dec. - Mizanur

Thank you very much. I really appreciate it.

3. Dec. - Mizanur

to clarify, you need a 404 page design both in Photoshop and HTML and CSS? Did I get it right?

3. Dec. - William

No problem :) HTML and CSS is top priority and actually mainly what we're looking for, and yes, it's a 404 page we'd like to get.

3. Dec. - Mizanur

Thank you for your reply. I will get back to you as soon as I can. In the meantime, I am sending you a request to extend the deadline by two days. Please accept. Thanks.

– Deadline rykkes 2 dage til d. 7. Dec.

6. Dec. - Mizanur

Hello, I have made designed the page. I have followed the design style, color and font combination of your current website. I hope you will like it. Please have a look and give your feedback. Thanks.

6. Dec. - William

Perfect, thank you!

6. Dec. - Mizanur

Hi willhuusfeldt, Thanks again for your order! Your delivery is enclosed. You will find the source files in the zip format attached here. If there are any problems, please let me know. I'll get back to you as soon as I can.

If you need anything to change in the design please message me. Don't forget to appreciate me in the comments.

Thanks again and have a great day! :)

Mdmizanur3950

– Godkendt

## 11.5 Bilag 5) Outsorce Korrespondance af Favicon

4. Dec. - William Huusfeldt:

This is our website [softwarezoid.surge.sh](http://softwarezoid.surge.sh)

We don't have a logo per se, so take inspiration from the site and make something that you think fits the site.

Regards, William

4. Dec. - Pro\_Graphics\_4U:

Hey willhuusfeldt, please see the attached files.

I added you even bonus (source file)

Before leaving feedback, please let me know if you have ANY issues with your files and I'll do everything in my power to correct it for you at no additional charge.

If you like it, I would sincerely appreciate a good and honest review.

I want you to be 100% satisfied with my work, otherwise, I insist that you ask me for a full refund. No hard feelings.

Ps. Do you have any more work to do? Or something you are struggling with?

Thank you, Regards Cris

– Godkendt

## 11.22 Bilag 22

Første Sprint

**#12 Som sælger, vil jeg gerne generer styklister for en carport med faste mål uden hældning og uden skur.**

Størrelse: XXLarge

Acceptance kriterium: Skal beregne 100% korrekt for mål uden hældning og skur.

Subtasks:

- #18 Beregn stykliste for taget (12 timer).
- #19 Beregn stykliste for mål (12 timer).
- #20 Indsæt data i List (1 time).
- #28 Opret database/Opret lager tabel (1 time).
- #30 Indsæt dummy data (2 timer).
- #31 Datamappers (2 timer).
- #32 Database Connector (2 timer).
- #37 Print stykliste til terminal (1 time).