A screenshot of a cell phone

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Technical Report

Exam

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Word count

Summary: 250 | Main text:500

**Brief:**

Build a microsite for SpaceX or NASA. This should focus on space technology.

Should focus on racing awareness about space program activity around the world. The site should appeal to a specific target audience and provide links to more information, live feeds of launches, and so forth.

This should include a minimum of 4 pages, be responsive and function well on a variety of platforms. The site should employ JavaScript/JSON API. Needs a form with validation.

**Week 1:**

This first week should go to reading and understanding the exam project. Planning for the first delivery, which is 26.04.2020. this delivery will include the project planning, functional spec and a Gantt-chart. So that is what I will do first. That means that I have to get a good look at the task and understand it. I will also have to go back to some lessons to refresh my memory on what goes in a functional spec doc. I will write the report as much as possible during the 5 weeks, so that I can have a god and detailed report as possible.

I have worked more then I was supposed to this week, this I have done because I want to stay ahead of the schedule. So I have also made a git repository, which I update every time I am done with something. So the first week I have done:

* Project planning document
* Functional specification
* Gantt-chart
* Made a git repository, link: <https://github.com/Christian-Skilar/Noroff-Exam-1>
* And started writing the report

**Week 2:**

Delivery for this week is our target audience, personas, storyboard and a wireframe or prototype. So it is best to start with finding my target audience. This is hard, because I want to have candidates that are astronauts, in school that focus on space related stuff or people that just are interested in space, and want to know/learn more. I don’t know anyone that are astronauts or that goes to school for that. So I have to use myself or my “alias” for one, I have a friend that I can use, and 1 I have to imagine. For what I have learned, this is probably not the right way to do it, but I don’t know how else to solve this task, hope it is ok. I know, or think the best way would be to have a big group of people, that are within the group that I am searching for, and have them preform a card sort.

After I have found, or found up my audience, I want to make some personas. I used a template that I did find online, (link is under resources) then it was just to fill out with the right information, especially with goals and pain point.

The storyboards I made I used a tool I found online, this was very useful! Helped me out a lot with getting the right scenario and expression. I would never have made it look that good with my own drawing. (link to this site is under resources) the 3 scenarios are made out of the 3 different goals/pain points from my personas.

The prototype is almost how I imagine the site will look like. I will be adding more “animations” to buttons, nav and maybe also to some image or content. Also try to use some gradient with rgba color, if it looks good. For tablet view it will look the same as the desktop view when it comes to the body, but for navigation it will have a drop down, hamburger menu. And the footer will look the same as on mobile. So, you can get a good view on how it will look on tablet. In the prototype I have made for desktop and phone. (the view mobile and desktop button will not be on the finish product, it’s just for navigation in XD)

**Week 3:**

**Week 4:**

**Week 5:**

# Introduction/Interpretation of the assignment:

# Planning, functional spec, Gantt chart:

The planning was pretty much done within the first 2-3 days in week 1. Not everything from fonts, images, etc… but to get my head around the project, and start planning it in a Gantt-chart. This way it is easier for me det rest of the project, then if a have done a god job, I can always see the Gantt-chart, and see if am ahead of the schedule or falling behind.

The functional specification document I was not 100% sure on how to write, but I hope that is was good enough. I was a little unsure if I was specific enough, and if I everything that I put in the document was relevant. Please give me feedback on this, if a misunderstood on what goes in this type of document.

The Gant-chart that I used is the same that a used last time, just to make it easier for me, and to use something I am familiar with. And also I liked the way it looks. I just fill in whit new values and information. The way I made it was that I first tried to write down all that I need to do for this project, then I organized it after what needs to be done first. When this is done, and I feel like I have all the keywords/tasks that I need for this project, then I start implementing it in my Gantt-chart. I have tried to make my chart as normal as possible, when it comes to work days. That means trying to have the weekends off. And other holidays also, as f.eks 17.may witch is Norway’s national day. But of course I will most likely be working more, since this is an important delivery! just want to implement the chart as close to an Gant-chart that can be used in a project. To show you that I think about it.

# Target audience/research:

I struggled a little with this, because I want to have candidates that are astronauts, in school that focus on space related stuff or people that just are interested in space, and want to know/learn more. I don’t know anyone that are astronauts or that goes to school for that. So I have to use myself or my “alias” for one, I have a friend that I can use, and 1 I have to imagine. For what I have learned, this is probably not the right way to do it, but I don’t know how else to solve this task, hope it is ok. I know, or think the best way would be to have a big group of people, that are within the group that I am searching for, and have them preform a card sort.

# Graphic design, principles, typography, color:

# HTML/CSS: Semantics, structure:

**SEO/Content Strategy/WCAG:**

**Interface Design, Personas, Navigation, Prototyping:**

**JavaScript:**

**Implementation/rollout:**

**Conclusion:**

## References:

* Images for my personas: <https://www.pexels.com/search/person/>
* Personas template: <https://milanote.com/?utm_source=google&utm_medium=cpc&utm_content=Brand&utm_term=milanote&gclid=CjwKCAjw1v_0BRAkEiwALFkj5th6iLqZ4MMcYmVa5F506e4thjL7WGkOlxcFBkfxfAu-DYXeEo9fqxoCmEMQAvD_BwE>
* Storyboards: <https://www.storyboardthat.com/storyboard-creator>
* Icons from: <https://www.flaticon.com/> (for using icons from this page I have to attribute the author, that’s why I have that link In my footer)
* My hamburger menu I used a YouTube video: <https://www.youtube.com/watch?v=sjrp1FEHnyA&list=PLTFvyhpUcyk4yt_wia1BoRqEWXg7YBYuv&index=18&t=0s>

## Acknowledgements:

## Appendices: