



**Noroff**

School of technology  
and digital media

# Technical Report

Lofthus Frukt & Saft

Filip Nordhagen

Word count

Summary: 48 | Main text: 855



# Table of Contents

1. Summery

2. Body

2.1 Introduction

2.2 Main section of report

2.3 Conclution

3. References

4. Acknowledgements

5. Appendices



# 1. Summary

My initial thoughts on how to move forward with this Assignment.

My Module Assignment was taken in to consideration.

The Scope of Work and how it was created.

The Gantt chart, keys and planning.

Conclusion is that with more experience and time this might come easier

## 2. Body

### Introduction

This was a very interesting assignment. I have worked over 5 years with projects in the oil business and I wanted to implement some of my knowledge in this assignment.

After assessing my Module assignment I figured that yes from a Front-End developers point of view this would be "doable", but it would not define the magnitude of work covered by a Project Manager or a team as a whole.

I asked the teacher <<What if what is shown in the Module assignment would not be sufficient to make a project plan?>> I was told that I should break the theme, epics, features and user stories up further so that it could become one.

Furthermore I decided to get some professional help from a Project manager(My father) to understand some of the processes one should have in place, before and during a project with a client.

### Main section of report

#### Module Assignment (MA):

In my module assignment I gathered some of the information needed.

I needed to create a Homepage, a Production Catalog, an About Us page, A page for Production Processes, a Contact Us page, a Log in/Sign in page and a page where customers can order from.



This could easily be done, but would not give an impression of understanding how a project really works. There are a lot of things one needs to take into consideration when planning a project as a whole.

My Assignment shows the plan from a project managers point of view. So further tasks have been added to the Scope of work and the Gantt chart.

### Scope of Work (SoW):

I looked back to some of the projects I have been working on. The first thing that came to mind was the SoW. As a technical document controller you are taught to ask questions. What?, Why?, How?, When?, Who? Are the main ones that need to be answered and defined.

In my SoW I have taken in my opinion everything into account to create a Gantt chart. The Gantt chart combined with the SoW will give a complete overview of the plan.

Because of the magnitude of my SoW I have also submitted a link in moodle that will be easier to read.

Defining phases was what I started with, tasks came next. Then subtasks. Then I started to give them IDs so it would be easier to spot what was what.

Who was responsible came after that, then what ID was P's, T's and S's dependable upon.

Then I gave them Timeframe based on hours.

I changed this to days in my Gantt Chart to follow norwegian legislation when it comes to working hours (max. 9 hours a day). The normal month of an average norwegian is 160 hours a month, 40 hour week and 8 hour day. I wanted them to work 12 hour days including weekend, but was informed by my father that I would get the authorities on my back even before this project could start. So I had to change my entire SoW to reflect these laws.

Also I discovered that creating Gantt charts according to hours and not days is a real pain.

My SoW reflects on all phases a project must go through from start to finish. I may have overdone it and created a million nok SoW, but this is what I believe from experience is needed to get the job done.



SCOPE OF WORK FOR PROJECT: LOFTHUS FRUKT OG SAFT Rev.1A							
ID	DEPENDS ON:	PHASES:	TASKS:	SUBTASKS:	TIME: (HOURS)	RESPONSIBLE:	NOTES:
P001	Client Contact	Study				PM (Project Manager)	Studyphase will start with planning for the client meeting. Gather all necessary information to satisfy requirements
T001	Client Contact		Planning1	Sum:	114	PM	Preparations for Client Meeting 1 (CM1)
S001	Client Contact			Create Scope of Work (SoW)	16	PM	Create SoW Rev1A. (LCI= Life Cycle Information)
S002	S001			Create Network Diagram	1	PM	Create Network Diagram to discover critical path
S003	S001			Create Gantt Chart(s)	1	PM	Create Gantt Rev1A (LCI)
S004	S003			Create Budget	8	PM	Create Budget Rev1A (LCI)
S005	S004			Create Tender	16	PM	Create Tender Rev1A. (LCI)
S006	S001			Create Styletile&Layout Examples	24	F-E (Front-End)	Create Examples of Layouts and styletiles to present to client
S007	S001			Create Text Examples	24	C-W (Content Writer)	Create Examples of texts in different shapes and sizes with different fonthierarchy to present to client.
S008	S001			Create Graphic and Photo Examples	24	GD-P (Graphic Designer & Photographer)	Create Examples of photos and graphics to present to client
S009	S006, S007, S008			Creating Presentation and Agenda for Client Meeting 1.	8	PM	Gather the Examples and create a presentation and set up an agenda for Client Meeting 1.
T002	S009		CM1 (Client Meeting)	Sum:	8	PM	The client meeting will be essential for what we can create for the client.
S010	S009			Presentations and the way forward	8	PM & GD-P	Presentations, First out client, secondly us. Get to know eachother and the way forward.
T003	T002		Planning2	Sum:	14	PM	The planning will start after we know what we get from client and what we need to produce ourselves.
S011	S010			Allocating roles and responsibilites	1	PM	Impliment changes to roles based on client feedback from first client meeting
S012	S011			Create New Rev. SoW	1	PM	Create new revision SoW Rev2A (LCI) based on new information recieved at client meeting
S013	S012			Map crtical dates for milestones	1	PM	Get an overview of milestones to present to the client.
S014	S013			Creating New Rev Gantt chart(s)	1	PM	Create Gantt chart Rev2A (LCI)
S015	S014			Create New Rev. Budget	1	PM	Create new revision Budget Rev2A (LCI) based on new information recieved at client meeting
S016	S015			Create New Rev. Tender	1	PM	Create new revision Tender Rev2A (LCI) updated and ready to receive an offer.
S017	S016			Creating presentation and agenda for client meeting 2.	8	PM	Presentation of all of the above for this task. Agenda and the way forward.
T004	S017		CM 2	Sum:	4	PM	Second Client Meeting to go through revised documentation and deliver Tender.
S018	S017			Presentations and the way forward	4	PM	Go through Agenda and deliver Tender.
Study Total Sum:					140		
P002	S018	Signing of contract				PM	
T005	S018		Receiving Offer	Sum:	24	PM	Get Graphic Design to start on preparation of Photos and Graphics. Dependable on what we get from client from first client meet and second.
S018	S018			Waiting for offer	24	PM	Creating a layout for About Us page. To include client requirements on how they want to introduce themselves.
Signing of contract Total Sum:					24		
P003	P001	Mockups				PM	Start project with preparing and creating Photos, Graphics, Layouts and wireframes where it is applicable.
T006	T005		Mockups Front-End	Sum:	148	PM	Get Front-End development to start creating layouts based on Client Requirements make two examples to show client in meeting before starting development.
S019	S018			Create Styletiles w/colourpallette	16	F-E (Front-End)	Creating styletiles for text display, photo display, logo display, buttons, colours, margins and padding.
S020	S019			Create Layout for Homepage	16	F-E	Creating a layout based on Styletiles created and information received from client. defined in SoW
S021	S020			Create Layout for Product Catalog	24	F-E	Creating a layout based on the products the client want to implement in the production catalog with direct links to order form
S022	S021			Create Layout for About Us	16	F-E	Creating a layout for About Us page. To include client requirements on how they want to introduce themselves.
S023	S022			Create Layout for Production Process	16	F-E	Creating a layout for Production Process. To include Agriculture, Ingriedients, Production sites and keyroles.
S024	S023			Create Layout for Contact Us	12	F-E	Creating a layout for Contact Us. Contact Form with interactive Chat function.
S025	S024			Create Layout for Log in	24	F-E	Creating a layout for Log In. must have functions to remember previouise buys and orders for both private and company customers.
S026	S025			Create Layout for Order Forms	24	F-E	Creating a layout for Order Forms with cashier function so that customers can buy online.
T006	T002, T004		Mockups Photos/Graphics	Sum:	144	PM	Get Graphic Design to start on preparation of Photos and Graphics. Dependable on what we get from client from first client meet and second.
S027	S012			Take photos for Homepage	8	GD-P	
S028	S012			Take photos for Product Catalog	16	GD-P	
S029	S012			Take photos for About Us	8	GD-P	
S030	S012			Take photos for Production Process	8	GD-P	
S031	S012			Take photos for Contact Us	8	GD-P	
S032	S012			Take photos for Log in	8	GD-P	
S033	S012			Take photos for Orders (Order form)	16	GD-P	
S034	S020			Start preparing photos and graphics for Homepage	8	GD-P	
S035	S021			Start preparing photos and graphics for Product Catalog	16	GD-P	
S036	S022			Start preparing photos and graphics for About Us	8	GD-P	
S037	S023			Start preparing photos and graphics for Production Process	8	GD-P	
S038	S024			Start preparing photos and graphics for Contact Us	8	GD-P	
S039	S025			Start preparing photos and graphics for Log in	8	GD-P	
S040	S026			Start preparing photos and graphics for Order Forms	16	GD-P	
T006	T005		Mockups Content Writer	Sum:	128	PM	Get Front-End development to start creating layouts based on Client Requirements make two examples to show client in meeting before starting development.
S041	S012			Write mockups for Homepage	16	C-W	Creating a layout based on Styletiles created and information and graphics received from client.
S042	S046			Write mockups for Product Catalog	24	C-W	Creating a layout based on the products the client want to implement in the production catalog with direct links to order form
S043	S047			Write mockups for About Us	16	C-W	Creating a layout for About Us page. To include client requirements on how they want to introduce themselves.
S044	S048			Write mockups for Production Process	16	C-W	Creating a layout for Production Process. To include Agriculture, Ingriedients, Production sites and keyroles.
S045	S049			Write mockups for Contact Us	16	C-W	Creating a layout for Contact Us. Contact Form with interactive Chat function.
S046	S050			Write mockups for Log in	16	C-W	Creating a layout for Log In. must have functions to remember previouise buys and orders for both private and company customers.
S047	S051			Write Mockups for Order Forms	24	C-W	Creating a layout for Order Forms with cashier function so that customers can buy online.
T007	T006		Mockups Back-End	Sum:	160	PM	Get Back-End to start creating wireframes for site where it is applicable
S048	S020			Create wireframe for Homepage	16	B-E (Back-End)	Creating a wireframe based on what we receive from F-E with function specifics for Homepage for what needs to be implemented by programming
S049	S021			Create wireframe for Product Catalog	32	B-E	Creating a wireframe based on what we receive from F-E with function specifics for Product Catalog for what needs to be implemnted by programming.
S050	S022			Create wireframe for About Us	16	B-E	Creating a wireframe based on what we receive from F-E with function specifics for About Us for what needs to be implemnted by programming.
S051	S023			Create wireframe for Production Process	16	B-E	Creating a wireframe based on what we receive from F-E with function specifics for Production Process for what needs to be implemnted by programming.
S052	S024			Create wireframe for Contact Us	16	B-E	Creating a wireframe based on what we receive from F-E with function specifics for Contact Us for what needs to be implemnted by programming.
S053	S025			Create wireframe for Log in	32	B-E	Creating a wireframe based on what we receive from F-E with function specifics for Log In for what needs to be implemnted by programming.
S054	S026			Create wireframe for Order Forms	32	B-E	Creating a wireframe based on what we receive from F-E with function specifics for Order Forms for what needs to be implemnted by programming.
Mockups Total Sum:					432		

SCOPE OF WORK FOR PROJECT: LOFTHUS FRUKT OG SAFT Rev.1A							
ID	DEPENDS ON:	PHASES:	TASKS:	SUBTASKS:	TIME: (HOURS)	RESPONSIBLE:	NOTES:
P003	P002	Development1				PM	Starting Dev1 phase with a third client meeting to present mockups for Photos, Graphics, Layout and Wireframe.
T008	P002		CM 3	Sum:	1	PM	The third Client Meeting will present Graphics, Photos, Colourpalette, Layouts and Wireframes for last minute changes to be presented from client.
S055	S045			Status meeting and the way forward	1	PM	Presenting the Styletile w/colourpalette for client to get last minute changes before prototype is created
T009	T008		Planning3	Sum:	8	PM	Update Sow, Contract, Ganttchart and Budget with last minute changes.
S056	S060			Update SoW	2	PM	Update to Rev3A (LCI)
S057	S061			Update Contract	2	PM	Update to Rev3M (LCI)
S058	S062			Update Gantt Chart	2	PM	Update to Rev2A (LCI)
S059	S063			Update Budget	2	PM	Update to Rev3A (LCI)
T010	T009		Prototype Frontend	Sum:	204	F-E	Creating Prototypes of all layout based on last minute changes
S060	S061			Create Prototype for Homepage	24	F-E	Creattting Prototype of Homepage based on last minute changes. Make it responsive for all formats
S061	S065			Create Prototype for Product Catalog	36	F-E	Creattting Prototype of Homepage based on last minute changes. Make it responsive for all formats
S062	S066			Create Prototype for About Us	24	F-E	Creattting Prototype of Homepage based on last minute changes. Make it responsive for all formats
S063	S067			Create Prototype for Production Process	24	F-E	Creattting Prototype of Homepage based on last minute changes. Make it responsive for all formats
S064	S068			Create Prototype for Contact Us	24	F-E	Creattting Prototype of Homepage based on last minute changes. Make it responsive for all formats
S065	S069			Create Prototype for Log in	36	F-E	Creattting Prototype of Homepage based on last minute changes. Make it responsive for all formats
S066	S070			Create Prototype for Order Forms	36	F-E	Creattting Prototype of Homepage based on last minute changes. Make it responsive for all formats
T011	T010		Prototype Photos/Graphics	Sum:	128	GD	Creating Prototypes of all Photos and graphics based on last minute changes
S067	S065			Create Prototype for Homepage	16	GD	Change pictures and graphic elements on allocated places based on last minute changes and what we receive from F-E
S068	S066			Create Prototype for Product Catalog	24	GD	Change pictures and graphic elements on allocated places based on last minute changes and what we receive from F-E
S069	S067			Create Prototype for About Us	16	GD	Change pictures and graphic elements on allocated places based on last minute changes and what we receive from F-E
S070	S068			Create Prototype for Production Process	16	GD	Change pictures and graphic elements on allocated places based on last minute changes and what we receive from F-E
S071	S069			Create Prototype for Contact Us	16	GD	Change pictures and graphic elements on allocated places based on last minute changes and what we receive from F-E
S072	S070			Create Prototype for Log in	16	GD	Change pictures and graphic elements on allocated places based on last minute changes and what we receive from F-E
S073	S071			Create Prototype for Order Forms	24	GD	Change pictures and graphic elements on allocated places based on last minute changes and what we receive from F-E
T012			Prototype Content Writer	Sum:	128	C-W	
S074	S065			Write Prototype for Homepage	16	C-W	
S075	S066			Write Prototype for Product Catalog	24	C-W	
S076	S067			Write Prototype for About Us	16	C-W	
S077	S068			Write Prototype for Production Process	16	C-W	
S078	S069			Write Prototype for Contact Us	16	C-W	
S079	S070			Write Prototype for Log in	16	C-W	
S080	S071			Write Prototype for Order Forms	24	C-W	
T013	T010, T011		Prototype Backend	Sum:	360	B-E	Creating Prototypes of all Programming based on last minute changes
S081	S065			Create Prototype for Homepage	24	B-E	Change programming based on last minute changes and what we receive from G-D
S082	S066			Create Prototype for Product Catalog	96	B-E	Change programming based on last minute changes and what we receive from G-D
S083	S087			Create Prototype for About Us	16	B-E	Change programming based on last minute changes and what we receive from G-D
S084	S088			Create Prototype for Production Process	16	B-E	Change programming based on last minute changes and what we receive from G-D
S085	S089			Create Prototype for Contact Us	16	B-E	Change programming based on last minute changes and what we receive from G-D
S086	S090			Create Prototype for Log in	96	B-E	Change programming based on last minute changes and what we receive from G-D
S087	S091			Create Prototype for Order Forms	96	B-E	Change programming based on last minute changes and what we receive from G-D
T014	T012		Pre-testing	Sum:	8	PM	Creating checklist before testing.
S088	S087			Create Checklists for visual-testing	4	PM	Creating checklist based on everything visual. Ex. Check WCAG, check formats, check different screens and responsiveness in all of them...etc.
S089	S087			Create Checklists for function-testing	4	PM	Creating checklist for any and every function on the site: Ex: Check if buttons work. check if order forms work, check if production catalog works...etc.
T015	T013		Testing1: Visual	Sum:	7	ALL	Visual testing is to see if everything on the page is visually pleasing, responsive and according to client requirements.Checklists needs to be filled in
S090	S080			Testing Homepage.	1	ALL	
S091	S081			Testing Product Catalog.	1	ALL	
S092	S082			Testing About Us.	1	ALL	
S093	S083			Testing Production Process	1	ALL	
S094	S084			Testing Contact Us	1	ALL	
S095	S085			Testing Log In	1	ALL	
S096	S086			Testing Order Forms	1	ALL	
T016	T013		Testing1: Function	Sum:	10	ALL	Function testing is to test if everything functions as it should and to find bugs and problems that may acour with the site. Checklists needs to be filled in.
S097	S080			Testing Homepage.	1	ALL	
S098	S081			Testing Product Catalog.	2	ALL	
S099	S082			Testing About Us.	1	ALL	
S100	S083			Testing Production Process	1	ALL	
S101	S084			Testing Contact Us	1	ALL	
S102	S085			Testing Log In	2	ALL	
S103	S086			Testing Order Forms	2	ALL	
Development1 Total Sum:					854		
P004	S103	Develpment2					Development2 phase wii start with all changes that needs to be done after discoveries during testing.
T017	T015		Changes:Visual	Sum:	16		
S104	S090			Changes Homepage.	2	GD & CW	
S105	S091			Changes Product Catalog.	3	GD & CW	
S106	S092			Changes About Us.	2	GD & CW	
S107	S093			Changes Production Process	2	GD & CW	
S108	S094			Changes Contact Us	2	GD & CW	
S109	S095			Changes Log In	2	GD & CW	

SCOPE OF WORK FOR PROJECT: LOFTHUS FRUKT OG SAFT Rev.1A

ID	DEPENDS ON:	PHASES:	TASKS:	SUBTASKS:	TIME: (HOURS)	RESPONSIBLE:	NOTES:
S110	S096			Changes Order Forms	3	GD & CW	
T018	T016		Changes:Function	Sum:	24		
S111	S097			Debug Homepage	3	F-E & B-E	
S112	S098			Debug Product Catalog	5	F-E & B-E	
S113	S099			Debug About Us	2	F-E & B-E	
S114	S100			Debug Production Process	2	F-E & B-E	
S115	S101			Debug Contact Us	2	F-E & B-E	
S116	S102			Debug Log In	5	F-E & B-E	
S117	S103			Debug Order Forms	5	F-E & B-E	
T019	T016		Testing2: Visual	Sum:	7	ALL	Visual testing2 is to see if everything on the page is visually pleasing, responsive and according to client requirements.
S118	S117			Testing Homepage.	1	ALL	
S119	S118			Testing Product Catalog.	1	ALL	
S120	S119			Testing About Us.	1	ALL	
S121	S120			Testing Production Process	1	ALL	
S122	S121			Testing Contact Us	1	ALL	
S123	S122			Testing Log In	1	ALL	
S124	S123			Testing Order Forms	1	ALL	
T020	T017		Testing2: Function	Sum:	10	ALL	Function testing2 is to test if everything functions as it should and to find bugs and problems that may acour with the site.
S125	S117			Testing Homepage.	1	ALL	
S126	S118			Testing Product Catalog.	2	ALL	
S127	S119			Testing About Us.	1	ALL	
S128	S120			Testing Production Process	1	ALL	
S129	S121			Testing Contact Us	1	ALL	
S130	S122			Testing Log In	2	ALL	
S131	S123			Testing Order Forms	2	ALL	
				Development2 Total Sum:	57		
P006	S131	Final Documentation					
T021	S131		Reports	Sum:	8	PM	
S132	S131			Contract	1	PM	Copy of signed revision Rev1A
S133	S132			SoW	2	PM	All revisions in all phases
S134	S133			Gantt Charts	1	PM	All revisions in all phases
S135	S134			Budget	2	PM	All revisions in all phases
S136	S135			Testing Reports (testing1 & testing2)	2	PM	All test reports from both tests.
T021	S131		Manuals	Sum:	40	PM	
S137	S131			User Manual	16	GD & CW	est 8 hours each, but they will work together
S138	S131			Codex Manual	24	F-E & B-E	est 8 hours for F-E and 16 hours B-E, But they work together.
				Final Documentation Total Sum:	48		
P007	S138	Handover					
T022	S138		CM 4	Sum:	8	PM	
S139	S138			Presentation of final product and handover	6	PM	
S140	S138			Cake!!!	2	PM	Bring along a Cake to symbolyze a job well done.
				Handover Total Sum:	8		
				SoW Total Sum in Hours:	1563		

## Gantt Chart:

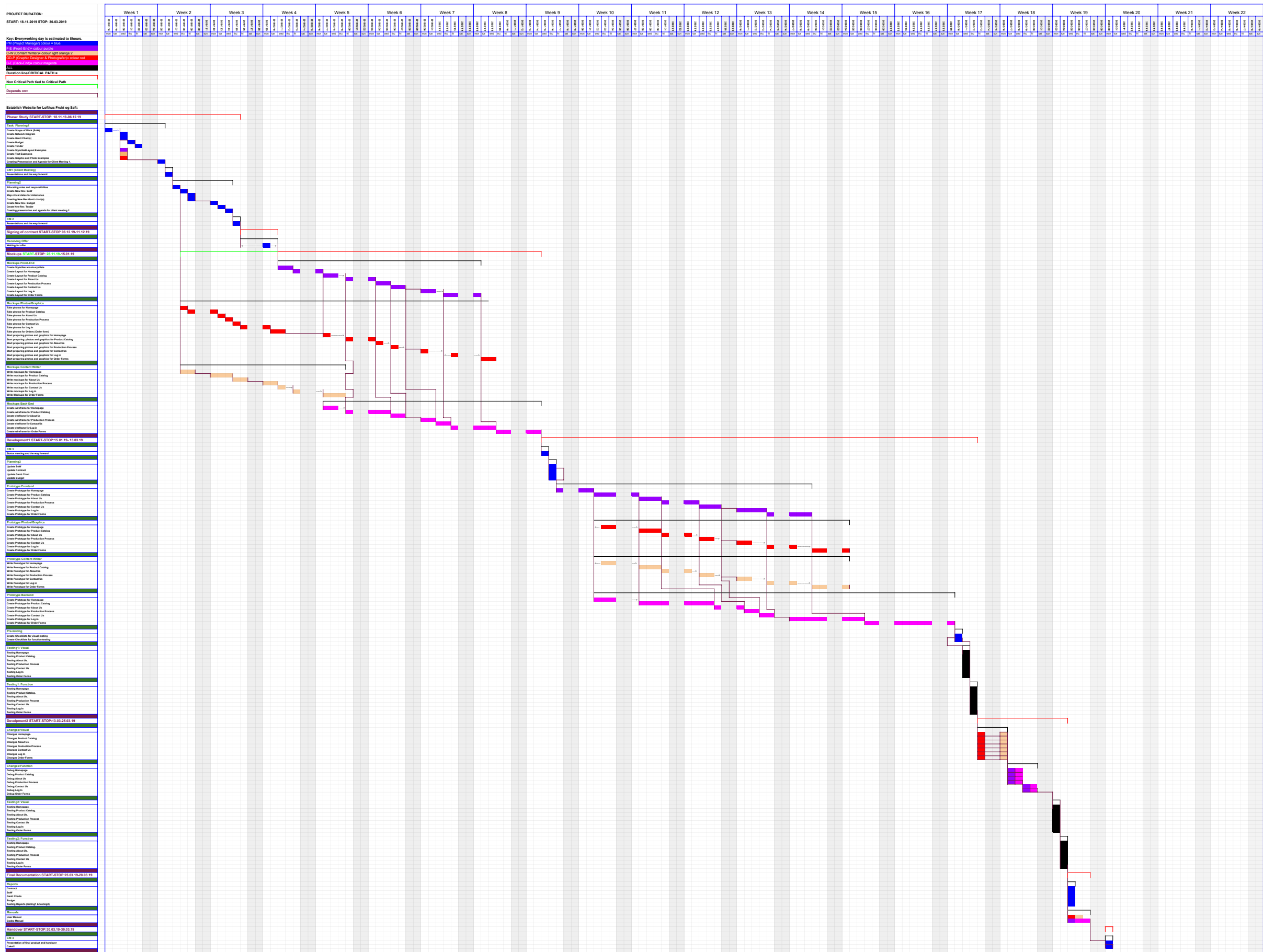
I started by creating a Key to show what my intentions were with my Gantt chart. I gave the different roles a colour so it would be easier to see who does what in the plan. There are also some information about the various lines in form of durations and dependability.

As with the SoW the magnitude is quite large so I sent you the link for the spreadsheet on moodel as well it is a bit easier to read.

The Critical Path in my Gantt chart is based on phases, but I discovered that parts of the phases was not with critical intent, and therefore gave part of this phase a different colour with the Key description as a Non Critical Path. This had to do with Photography and Text by Content Writer that is not applicable for the critical path, but part of the phase. I probably could have solved this differently, but it was to get them to start working as soon as possible and the deadline would not permit me to make any more changes.







## Conclusion

One can never spend too much time with a plan and knowledge is power. Had I known more about how the project processes of a website company, the time spent creating this could probably be halved if not more.  
I spent a considerable amount of time just creating the SoW to match my thoughts on what needed to be part of this project.

## 3. References

N/A

## 4. Acknowledgements

I want to thank my father for spending a Sunday afternoon trying to teach me the mindset of a Project Manager and also for showing me why Microsoft Project is a brilliant tool for planning.

## 5. Appendices

N/A

