Technical Report

Project Methodology in SD

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1. Project Breif:

A medium sized company - "Lofthus frukt og saft" located at Hardanger fjord in western Norway are producing one of the best apple juices in Norway. It is a 100% pure natural product, without any sugar added or other additives of any kind. Until now they were mostly present at the local market in western Norway, but they have ambitions to expand and find new markets. As a part of this process they need a new website. The main purpose for the website will be to promote and sell their products. Also, information about the company and their production processes will be an important part of the website. You have been asked by "Lofthus frukt og saft" to create the online website, including all the necessary content (identity elements, articles, photos etc.). At this moment they have just a logo and a simple brand strategy without any visual assets to use in the website production.

1.1 System Must Statement

The System must statements presented in this report provides the requirements and the capacity or functions the site is to accomplish. According the discussion with Lofthus frukt og saft hereafter referred to as our client, the system must statements are described as follows:

- ✓ The system must be accessible to different categories of visitors.
- ✓ The must be able to allow visitors contact "Lofthus frukt og salat"
- ✓ The system must be able to allow visitors create a profile and register themselves as customers
- ✓ The system must be able to allow visitors browse through our product varieties.
- ✓ The system must be able to allow visitors make an order and get it delivered home or business location.
- ✓ The system must be able to allow users or visitor make an online payment

✓ The systems must be able to allow visitors to see a breakdown of their purchase history

✓ The system must be able to allow visitors cancel or change their orders

✓ The systems must be able to allow visitors make order or purchase online and pick it up at local store or other locations of their choice.

1.2-Themes and Epics

From the system must statement, some of those functional requirements can be grouped together to produce themes and epics.

1. Brand Identity
2. Products and Services
3. Visitors Profile
4. Contact Information

Table Error! Use the Home tab to apply 0 to the text that you want to appear here.-1 Themes and Epics

Business object	Brand Identity
Company Policy	
Lofthus frukt og saft Contact Information	
Galleries of Products	Product and Services
Categories of Services/Options available to customers	
Customers Personal Information	Customers Profile
Customers Purchase History	
Customers Complaints if any	

1.3-User Stories

1.3.1-Brand Identity

1. <As an online customer><I should be able><to read up information about Lofthus frukt og saft online> <so I can measure it with my offline knowledge of them>
2. <As an online visitor><I should be able to study or read Lofthus frukt og saft business practices><so I can decide whether they align with my values>

1.3.2-Product and Services

1. <As a customer><I should be able to browse galleries of products><So I can see if Lofthus frukt og saft sells my brand of fruits or salads>

2. <As an online visitor><I should be able to see what categories of service Lofthus frukt og saft offers><So I can decide which one fits my needs>

1.3.3-Customer Profile
1. <As an online user><I should be able enter my name so><So I can make purchase online>
2. <As an online user><I should be able enter my email address><So I can make purchase online>
3. <As an online user><I should be able enter my house address><So I can receive my order>
4. <As an online user><I should be able enter my credit card information><So I can make payment>
5. <As an online user><I should be able to cancel order><So I that erroneous orders are not shipped to me>
6. <As an online user><I should be able to track my purchase history><So I can know how much I have spent >
7. <As an online user><I should be able enter complaints><If I notice unfavorable conditions to my orders><So I can receive feedbacks on what is being done about it>

8. <As an online user><I should be able to delete my profile><So I that I seize to terminate my patronage>

1.3-Project Milestone Breakdown

Project Milestones Names	Activities Description	Progression Cretaria	Project Phase
Project Kick-off meeting	Ratification of Time, Cost and aggrement on MVP	Accept/Not Accepted	
Team Composition	Creation of UI/UX teams and Code Genearation Team	Accept/Not Accepted	Prelimanry
Sprinting and Sprint Calender	Deciding the duration of each sprint	Accept/Not Accepted	
Key Meeting			
UX/UI/SEO	Iterative Content Development	Accept/Not Accepted	
Coding the Front End	Functional Development	Accept/Not Accepted	Development
Testing			
Key Meeting			
Back End Dev and Authentication	Payment Authentication, Forms and Data Storage	Accept/Not Accepted	Development
Testing			
Product Production	Site Production	Meets MVP Standard	Production
Testing			
Deployment	Deployment	Meets Stakeholders Obj	Deployement

Figure 0-1-3 Project Milestone Breakdown

2-Gantt Chart

The Gantt diagram or chart presents time allotted to the different project activities.

Project Teams

The team for the project consist of six individuals. The six group consist of two front-emd developers, two back end developers and two UI/UX/SEO teams. The numenclature for the sub-teams are assignd as follows:

- Front-End: FED-1
- Bank –End: BKD-2
- User Interface & SEO: UI-1

Project Name: Loftus og Sallat Online Presence Development Project

Project Number: LftSal-001-NetDev

Client: Loftus og Sallat

Developer: DreamBird Technolgies

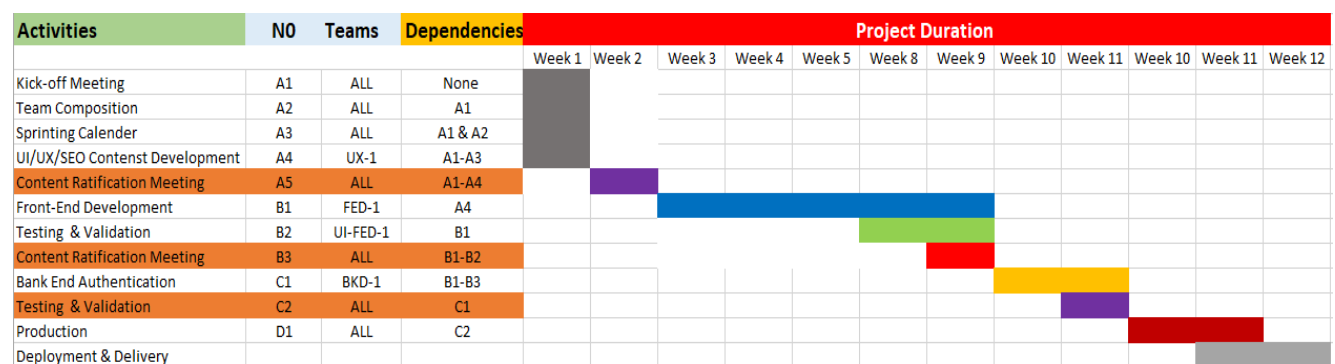| Activities	NO	Teams	Dependencies	Week 1	Week 2	Week 3	Week 4	Week 5	Week 8	Week 9	Week 10	Week 11	Week 10	Week 11	Week 12
Kick-off Meeting	A1	ALL	None	■											
Team Composition	A2	ALL	A1	■											
Sprinting Calender	A3	ALL	A1 & A2	■											
UI/UX/SEO Contenst Development	A4	UX-1	A1-A3	■											
Content Ratification Meeting	A5	ALL	A1-A4		■										
Front-End Development	B1	FED-1	A4			■	■	■	■						
Testing & Validation	B2	UI-FED-1	B1						■	■					
Content Ratification Meeting	B3	ALL	B1-B2							■					
Bank End Authentication	C1	BKD-1	B1-B3								■	■			
Testing & Validation	C2	ALL	C1									■			
Production	D1	ALL	C2										■	■	
Deployment & Delivery															■

Figure 2-1 Gantt Diagram

2.1-IP Protection Strategy

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