

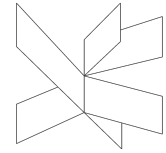
Project description

Group 8

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Supervised by
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Software engineering
Semester 3
11 Mar 2021



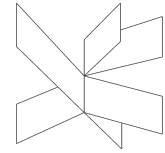
Version 2 Mar

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1. Group contract.



1. Background description

Nowadays everyone is fond of travelling, exploring new things, meeting other people and experiencing new cuisine. People like eating and they enjoy trying out new and varied dishes. But whenever the term “healthy eating” comes to mind, every individual thinks of cooking food at home.

However it is not possible for everyone to cook food at home. Some people find it hard to make food as it is composed of multiple steps, first one being the receipt finding, then comes the ingredients hunting, then finally start chopping that tomato, only to find out that if something is missing, and need to go back to the grocery shop. While others are busy with their tight schedule. As a result, they prefer food from restaurants as it is easily available and less time consuming for them.

There is a dramatic increase in the restaurant industry. (Figure 1 shows the revenue of the gastronomy industry in Denmark from 2014 to 2018. Over the shown period, the gastronomy industry's revenue increased constantly. It reached its peak in 2018, amounting to a revenue of nearly 45.9 billion Danish kroner). (Denmark: revenue of gastronomy industry 2014-2018 | Statista, 2021)

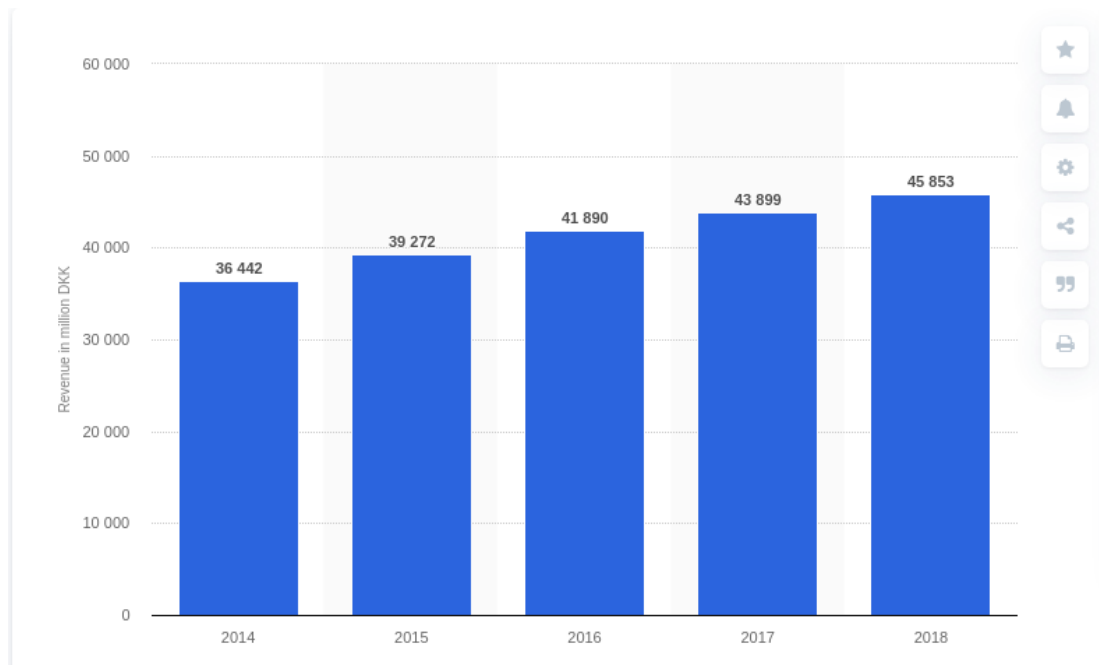
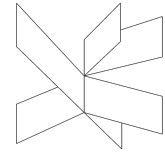
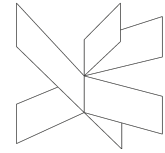


Figure 1

Looking at the revenue of the gastronomy industry it is not hard to understand the vast majority of restaurants and takeaways, it is important to mention that these often serve not the healthiest food, and thus, it cannot be eaten on a daily basis. If only the possibility existed to get fresh, healthy and tasty food, people would love it.

So in order to address people's need of having a balanced and cheaper diet, the idea of delivering dishes ingredients was developed where a person can find different recipes of dishes and can also order essential ingredients, while also getting the caloric value of the whole food counted beforehand.



2. Problem Statement

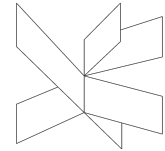
Main problem

People would like to eat healthier and better, as in more complex and “exotic” meals, but getting the right ingredients could be a bottleneck.

- a. How are the calories counted?
- b. How will the user be notified about the shipped order?
- c. What is necessary for the user to sign up to the services?
- d. How to keep track of the sent orders?
- e. How would the user cancel/pause the subscription?
- f. Which delivery options are available?
- g. Which platforms will the services be available?
- h. How will the shipment be delimited exclusively to Denmark?
- i. How much time does the user have to cancel a specific shipment?
- j. Which type of payments are accepted?
- k. How does the user get a personal discount?
- l. How is the user rewarded for referring to another future user?

3. Definition of purpose

Our goal is to create a service that will be able to deliver fresh, healthy and tasty food recipes along with the ingredients to cook them. We are offering both the ingredients and the recipe to the customer. Clients should be able to buy the service for a specific time interval.



4. Delimitation

The service will be running in Denmark.

The service language will be English as 86% of Danish people know English.
(guides and Denmark, 2021)

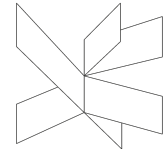
The service won't be able to deliver food at the time of hand in of the project.

The service won't handle payments at the time of hand in of the project.

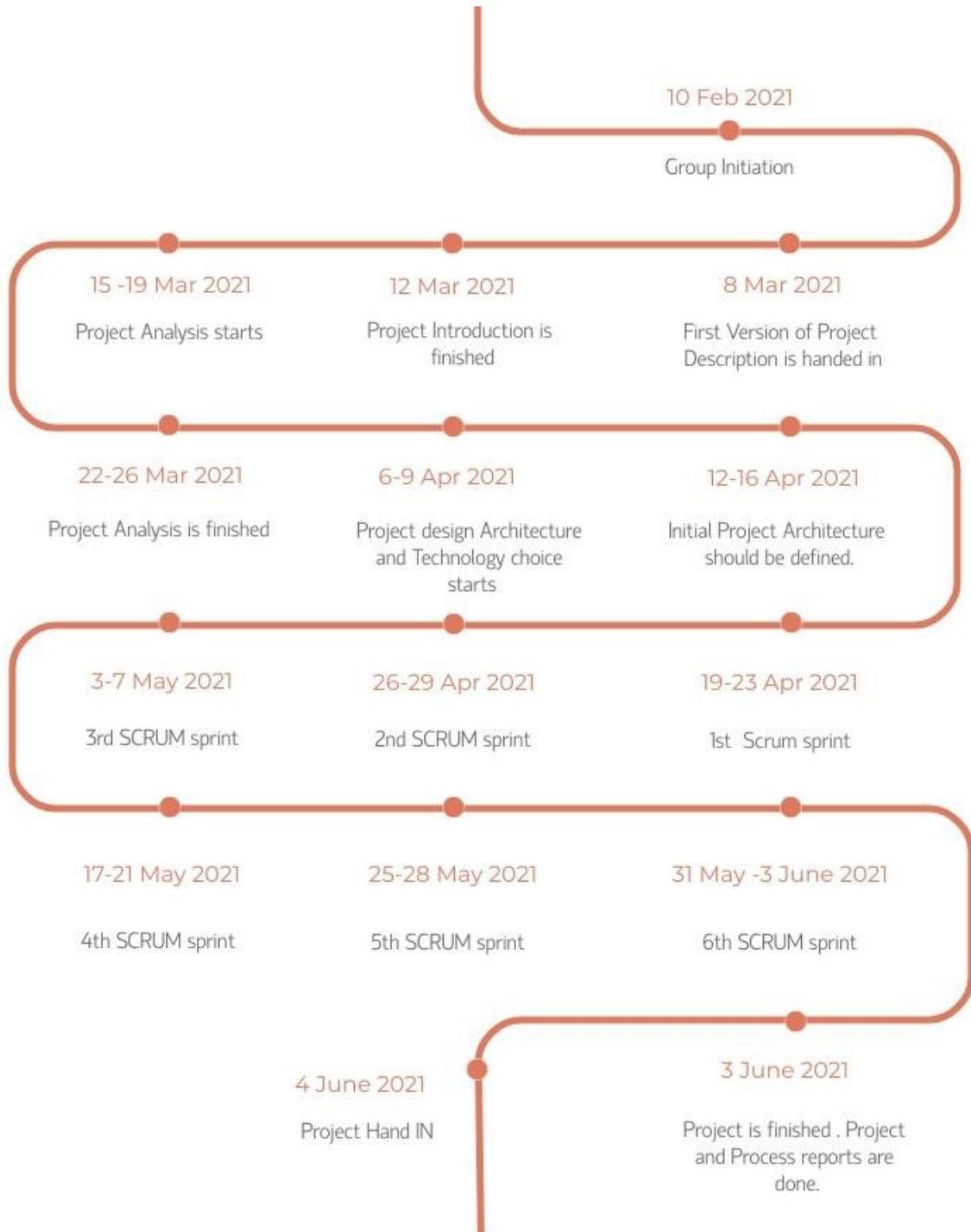
5. Methodology

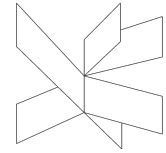
The development team will be using SCRUM during the compilation of this project. During that time, the team will decide on a Scrum Master and a Product Owner for each two upcoming Scrum sprints. There will be a total of 6 sprints, three sprints will take 5 days, and three of them will take 4 days. On Monday being the day for Sprint retrospective and sprint planning, the group takes certain user stories to implement during that sprint, following 3 days of daily scrum meetings and on Friday the team will do the final daily scrum and sprint review.

In the case of the 4 days sprint the Friday activity moves to Thursday and Monday activity to Tuesday.



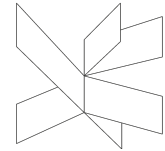
6. Time schedule





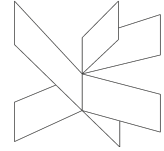
7. Risk assessment

Risks	Like liho od	Seve rity	Prod uct	Risk mitigation	Identifiers	Responsible
Member unable to complete given task	2	4	8	Following along other subjects	Not completing the task	Daniel Railean
Product is poorly documented	3	5	15	Following the time schedule Documenting the product alongway.	No project report/process report after first scrum sprint	Dimitrian Cebotaru
SCRUM meetings are not attended	2	4	8	Group contract got it covered. Person in charge being given a notice.	Not attending meeting	Mark Vincze
The application is bugging out and doesn't display correct information	4	2	8	Checking the app on regular basis	Application stop working	Satish Gurung



8. Sources of Information

- Statista. 2021. *Denmark: revenue of gastronomy industry 2014-2018* | Statista. [online]
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<<https://www.statista.com/statistics/978242/revenue-of-the-gastronomy-industry-in-denmark/>> [Accessed 11 March 2021].
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Appendices

1. [Group contract.](#)