**Fly High with me**

**Made by:**

**Michal Jurewicz (266892)**

**Cristina Ailoaei (266543)**

**Michal Podgorni (267128)**

**Dragos Sirbu (266500)**

**Supervisors:**

**Steffen Vissing Andersen**

**ICT Engineering**

**1st Semester**

**19/02/2018**

**Table of content**

[1 Background description](#_Toc491420680) 4

[2 Definition of purpose 6](#_Toc491420681)

[3 Problem Statement 7](#_Toc491420682)

[4 Delimitation 8](#_Toc491420683)

[5 Choice of models and methods 9](#_Toc491420684)

[6 Time schedule 10](#_Toc491420685)

[7 Risk assessment 11](#_Toc491420686)

[8 Sources of Information 12](#_Toc491420687)

Appendices (including Group Contract)

# Background description

Air freight, both in terms of traveling and air cargo has become a really important meaning of transport in the past century and it still plays bigger and bigger role. Nowadays there are numerous flight companies that take care of it. <Put here some book references about developing, some numbers and other data>

By just looking at the numbers it is an obvious conclusion how big this part of services sector is. On that account many people are needed to keep it working properly. Also a lot of specific technologies, like bootstrap technology, are necessary, too. Only when it comes to just for example landing or taking off the plane, the whole operation requires precise work of group of trained personnel, both at the airport and in the plane, and, of course a lot of complex systems and networks working together. <some ref>

Although the air freight is relatively new thing, we have already achieved a lot. It is considered as one of the most safe and efficient. Of course, all the time the safety is the most important part so every element has to be done in the most precise way possible. <some ref> Thanks to the fact that development comes quite fast, flights are becoming more popular and accessible. <some ref> That is the reason why there exist that many flight companies.

One of them, FlyHigh, which was founded by Drugomir Rosenkål and Tommy Wisseau in 2003, and as first used to be a green grocery, is a company that offers flights for private customers all across the Europe. They became the kind of company they are nowadays back in 2009. At beginning they were flying only in Denmark but recently they expanded for a whole continent.

First, it was not that hard to manage every detail of how the company works and everything was stored in files but since they fly in whole Europe, it became more complicated. The other important thing that appeared is the fact that company is not well-known outside Denmark, so the people do not have an easy access to its services. Now the only way to book a ticket for a specific flight is to go to the airport (if they fly there) and buy it or call the company in order to order it and then receive via email.

This is why FlyHigh needs a more efficient way to store their data as well as promote themselves in order to work in an organized way and become more popular.

For content see Appendix 1 “VIA Engineering – Project Description Guidelines”.

# Definition of purpose

The project group decided to undertake this project in order to expedite the company and make sure that all the systems are efficient and assured as well as enhance its popularity.

For content see Appendix 1 “VIA Engineering – Project Description Guidelines”.

# Problem Statement

The project focuses on the way the company can efficiently store and manage internal data, as well as meeting clients’ wish of booking tickets and retrieving information regarding flights. Questions to be answered:

* How can we ensure that the new system will be always up to date tool?
* What should we do to avoid losing data?
* How can we make the system scalable?
* What are we going to do with cancelled flights?

For content see Appendix 1 “VIA Engineering – Project Description Guidelines”.

# Delimitation

For content see Appendix 1 “VIA Engineering – Project Description Guidelines”.

# Choice of models and methods

Every company needs to follow technological progress, otherwise they will not be able to evolve. *Fly High* is a great example of old, good prospering company with obsolete managing system. If they want to stay on the market they need to change it.

The essential issue of Fly High company is that they lack client/server system which would be quick and easy-accessible way to present and sell the product is very important factor for every business as it increases the number of clients and the demand for offered services.

The objective is to provide Fly High preset-day tool in order to help the company administer their data and manage their relationship with clients. The expected outcome is to build the “bridge” between the company and their customers which would allow both sides save their time, money and concerns. The project will be conducted by a team consist of 4 people who will be equally responsible for the workload and the workflow.

Each member has to spend approximately 280 hours in order to develop the system. The team must understand the problem and comprehend the field of work of the client first.

For content see Appendix 1 “VIA Engineering – Project Description Guidelines”.

# Time schedule

For content see Appendix 1 “VIA Engineering – Project Description Guidelines”.

# Risk assessment

For content see Appendix 1 “VIA Engineering – Project Description Guidelines”.

# Sources of Information

For content see Appendix 1 “VIA Engineering – Project Description Guidelines”.

**Appendices**

For content see Appendix 1 “VIA Engineering – Project Description Guidelines”.