

# Project Methodology

Course Assignment

## 1. Introduction

In this report I will take you through the process of making project plan from reading the assignment, to exploring the tasks needed and creating the gantt chart all the way to uploading it Github. I will try to go in to detail on the decision making and my thoughts on the assignment and the guidance from the teachers up to the point of completion.

## 2. Body

In this section we are going to look at the process of planning the assignment its self, what tasks is needed in the project and how much time that is estimated. We will also look at what resources are needed to complete the project and deliver a premium product the costumer. And of course, the process of making the Gantt chart itself.

### 2.1 The plan

Planning this assignment did not really take very long. I wrote down 3 notes, "Tasks", "Duration" and "Chart compiling". Then I started with an empty excel sheet and started to create a list of tasks and events in one column, duration of that task in another column, and the resource that is responsible for that task in the third and last column. Then I sorted the list on the duration of the tasks and found what had to be the critical path. I then considered what order the tasks had to be done in and placed the critical path tasks in a list of its own separate from the floating tasks. Then I created the Gantt chart which we will look closer at in its own section.

### 2.2 The tasks

The assignment gave a few hints to what kind of tasks might be needed to form a project like this. I also thought about the earlier assignments we have had in the HTML/CSS course and a personal project to figure out when needs to be done during this project. I think that a serious company needs to have a serious host for their webpage, ideally a Virtual Private Server. I also think they need a backend to serve all costumer requests on the webpage, and they would need a way to manage the content on their webpage by implementing a content management system. For the design we would need some texts, images, icons and HTML elements to populate the webpage. And to achieve the best quality on all these elements its best gets dedicated professionals to execute them. Using several people to do this will also save our costumer some time because the designer, writer, illustrator and photographer would be able to work simultaneously.

### 2.3 The Gantt Chart

When I started with the gantt chart I had simple mental plan. Make the base layout, with week numbers on the top the task and who is responsible downwards on the left. Then I added all the tasks with green for events, red for critical path and a light blue for floating tasks. Then I asked a teacher for guidance to see if I was way off base or not. The response was that it was a bit unclear to see what was happening when, but that the granularity of the tasks and the general layout looked good. The next thing I had to figure out was how to make the chart cleaner and easier to read. I started by making the timeline on top with the first date of every week instead of week numbers.

Then I made an extra row on both sides of every line in the chart and made it very thin. Then I made the first three rows in a dark grey color and the next three in a light grey color, and then repeated this for the rest of the of the chart, this gave the tasks some margins on their rows and made the chart easier to read. I then added the floating arrows and a number on each task that represents the amount of weeks pr. Task. And that concluded the creation of the chart.

## 2.4 GitHub

This is the first time I have tried to use GitHub, I watched the videos on Lynda.com and experimented. I ended up using the desktop client for my first repository. I named it projmeth\_CA\_submission and added MJ as a collaborator. This is the link to the repository: [https://github.com/sljovshin/projmeth\\_CA\\_submission/settings/collaboration](https://github.com/sljovshin/projmeth_CA_submission/settings/collaboration)

## 3. Conclusion

This is not the first time I take a class in Project methodology, back in 2015 I had a class that was more in-depth than this one, but we never did a Gantt chart. In this assignment I have learned that a Gantt chart I not just easy to read, it is also simple to set up if you do the proper preparations. I actually had some fun creating the chart and I am very happy with the result.