



Project Plan **(OO LA LA LAND)**

Version 3, Week 4

Submitted by :

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Client: Mrs. Mieke vucht

Tutor: Mr. Mikaeil Shaghelani Lor

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Version Table

Version	Tasks performed	Date
1	project plan draft	12-09-2019
2	Modifying the project Plan draft.	18-09-2019
3	Modifying the project plan v2	24-09-2019

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1-PROJECT STATEMENT

Through this document, we will describe all the steps and procedures that we will follow to achieve the goal that Mrs. Mieke Vucht required for her international music festival. In additions, Mrs. Mieke Vucht worked for commercial company specialized in organizing events. She asked us to find a proper software solution for her event. We will make sure to meet her requirements and satisfy her expectations

1.1- Formal Client:

Our client Mrs. Mieke Vucht who worked for a commercial company specialized in organizing events. She asked our company to find a proper software solution for organizing events.

Contact Information:

Name	Mrs. Mieke Vucht
Email	m.vanvucht@fontys.nl
Mobile number	06-53 19 93 50
Address	Rachelsmolen 1, 5612 MA Eindhoven
Company	Fontys

1.2-Project Leader:

The project leader is Mr. Obaid Ghafoori and he is responsible for the major decision making, delegating tasks, making sure that everything goes smoothly and meet the deadline.

1.2.1 Members:

Member name	Contact information
Obaid Ghafoori	o.oghafoori@student.fontys.nl
Fadi abboud	f.abboud@student.fontys.nl
Lokesh Agnihotri	l.agnihotri@student.fontys.nl
Wondimu Woldearggiye	w.woldearggiye@student.fontys.nl

1.3 Current Situation :

Currently the client is not using any software tools to manage the Music Festival, due to recent increase in the numbers of people who wish to visit the festival. It's challenging to manage such a huge event without the help of the software solutions. Hence the client contacted us to help them by creating a software solution that does not need a lot of manual input and should work efficiently.

1.4 Problem description:

Due to the increment in the number of visitors the client is having trouble in managing the event. Therefore, Mrs. Mieke Vucht required us to get a durable solution to this problem. To track the large quantity of visitors in the festival, for instance she wants to track the status of the visitors from the moment they buy the ticket until they checkout.

The requirements for the project are as follows:

- Website supported by a database system with high functionality.
- Shop application supported by a database system providing the food/drinks/souvenirs.
- Loan application supported by a database system.
- Check-in/check-out application supported by a database system for event and camping.
- Application for reading the ATM log file.
- Database system
- In terms of identification we will use either barcode scanner or RFID chip

All these requirements will be discussed during the project and we will make sure to opt the best solution to satisfy our client needs.

1.5 Project Goal

We will solve the problem by creating a website which will have many functionalities for the event. Furthermore, we will develop an application (windows form application), which will provide a proper software solution collectively. The main goal of our team is to develop a software solution as specified by the client. The final product will be a website with a simple and high functionality, festival applications that will help both the organizer and the visitor and make it much easier to fulfill their requirements. The website and festival application will be connected to a database and supported by a data system which will provide a secure and dynamic environment to make everything done effectively and efficiently.

1.6 Deliverables and non-deliverables

In general, deliverables and non-deliverables are divided into two blocks. However, in this project plan, we will list and describe all deliverables and non-deliverable products.

Deliverables

- C# software solution such as (Shop,Entrance,Camping applications ..etc)
- web site software solution to assist the employees as well as the clients during the event .
- Database to support the C# applications and the web app(site)
- A process reports
- Presentation
- Documentation such as setup documents , Agendas and minutes of every meeting Project plan

Non-deliverables

- R-FID
- User manual
- Hardware

1.7 constraints

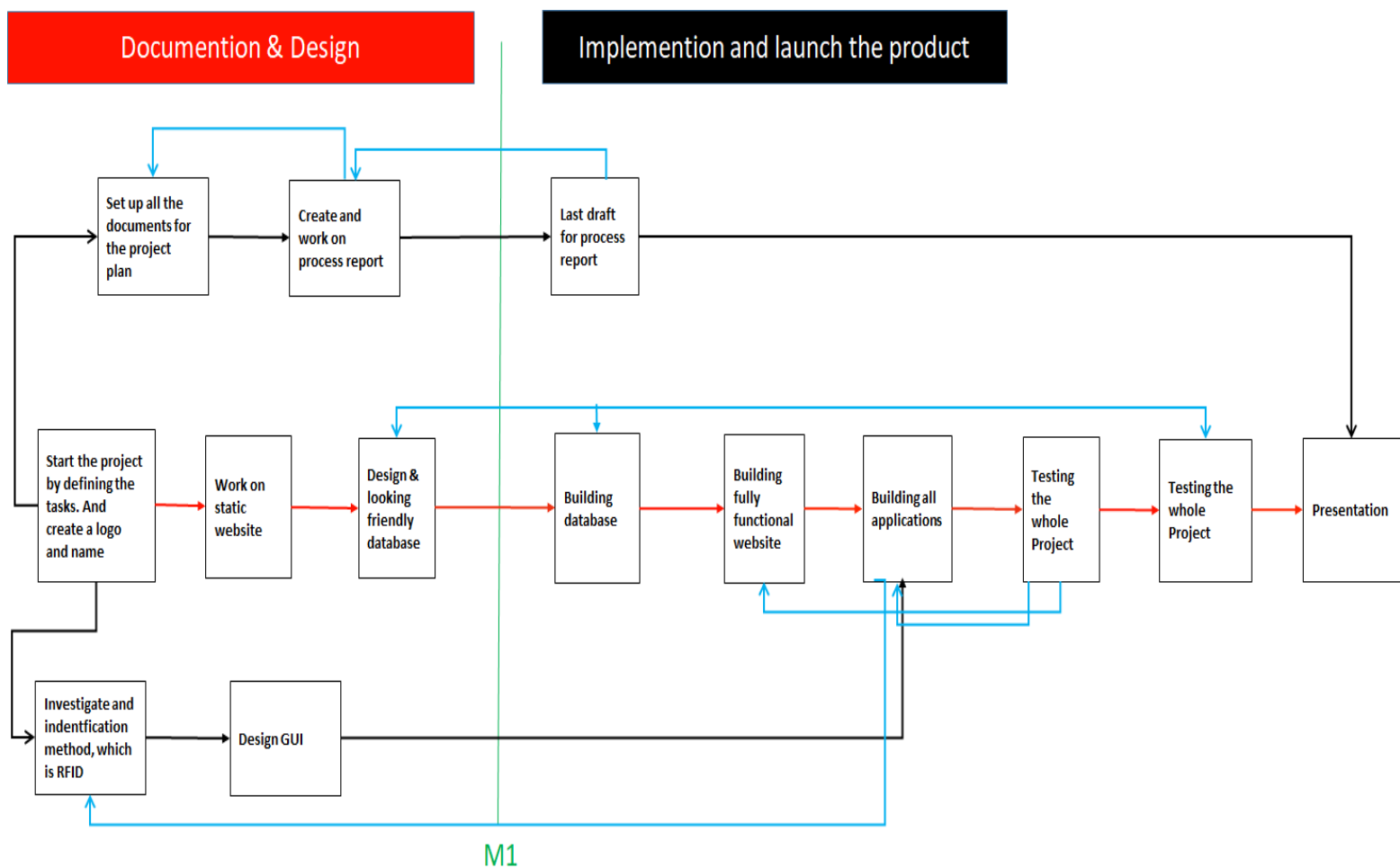
1. Time: The project should be completed within 18 weeks.
2. Software: The User-Interface must be as simple as possible and actually we have to use the C# language because all the team member is familiar with this language.
3. unforeseen situations (e.g In case any of team mate get ill it will cause delay in delivering task)
4. Provide clear documentation of the entire project scope.

1.8 Risks

Risk	Probability	Severity	Contingency plan
Security vulnerabilities	High	High	Website security, vulnerability, scanning service
SQL injection flaws	Medium	Medium	Systematic manual site review
Cross site request forgery	Low	Medium	Automated scanning and detection tools
Misunderstanding of the requirements	Medium	Medium	Arranging meeting with the tutor and client constantly

2-PROJECT PHASING

2.1 Critical Path and dependencies



The blue arrows indicate to the dependencies

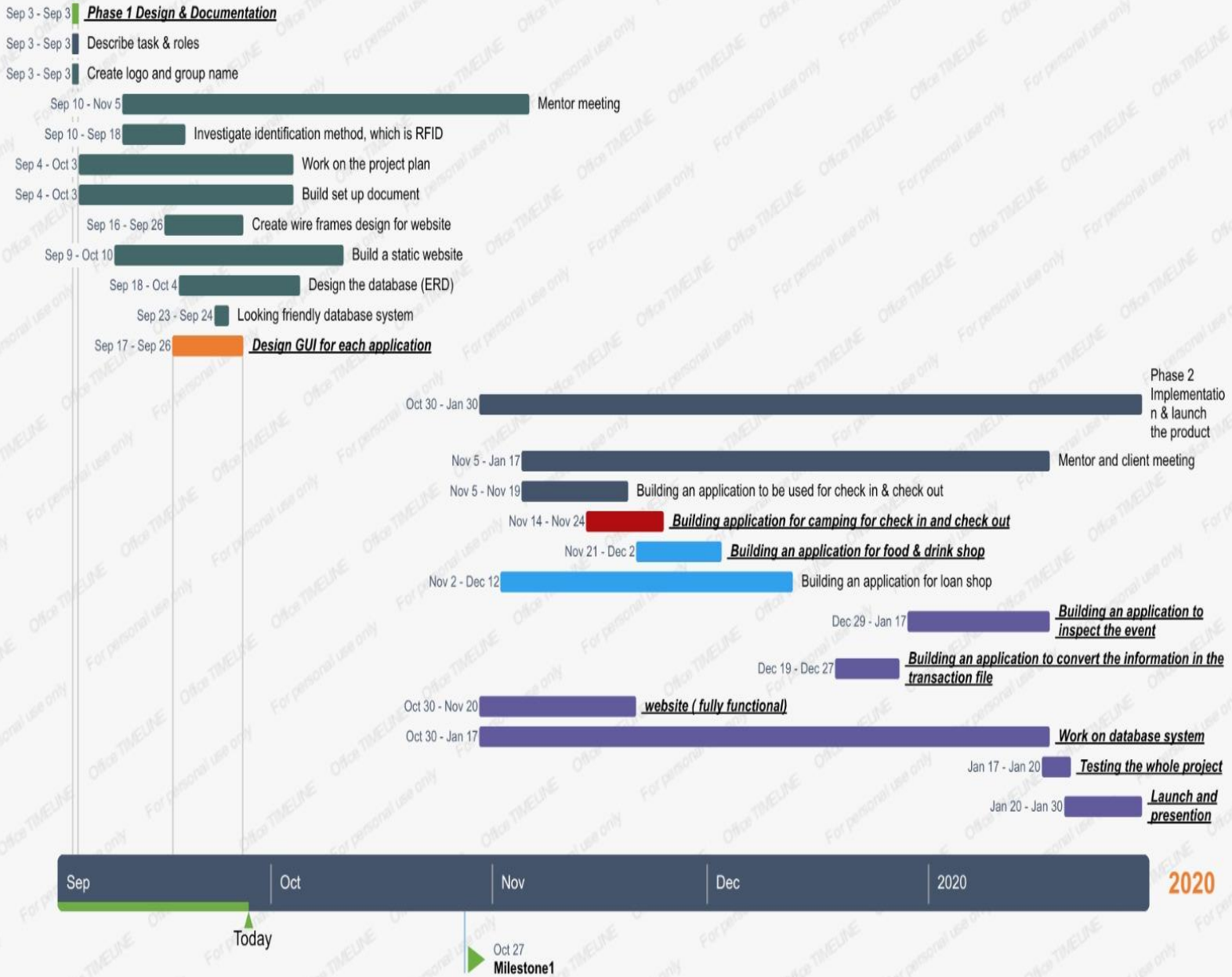
The red arrows indicate the critical path

The green line indicates the milestone 1



2.2 Gantt Chart

Gantt chart



2.3 Task description

Nr	Task	Description	Start date	End date	consumption	Completed %
<i>Phase 1 Documentation & Design</i>						
1	Define tasks	Analyze and understand the objective of the project.	03-SEP-2019	03-SEP-2019	7 hours	%100
2	Create name and logo	It must be unique and meaningful. It is the icon of the company	03-SEP-2019	03-SEP-2019	10 hours	%100
3	Mentor meetings	We arrange meeting each week with the mentor	10-SEP-2019	05-NOV-2019	30 hours	%100
4	Choose the id Identification method, which is RFID	We need to choose a method for tickets it should be easy and faster to access	9-SEP-2019	18-SEP-2019	35 hours	%100
5	Project plan	It includes the general objective and goals of the project.	04-SEP-2019	03-OCT-2019	50 hours	%80
6	A set up document	Set up document including agreements with the client, Functional requirements, the process and GUI's of applications, wireframes and ERD diagram	04-SEP-2019	03-OCT-2019	60 hours	%60
7	Design wireframes for website	To represent the skeletal framework of the main website we create a wireframe	16-SEP-2019	26-SEP-2019	30 hours	% 100
8	A website static part	Each web pages are coded in HTML and CSS and display the same kind of information to visitor	09-SEP-2019	10-OCT-2019	70 hours	%10
9	A database design	we manage the collection of data and present analytical result based on the data. And we determine how, and w/c data must be stored and interrelate.	18-SEP-2019	04-OCT-2019	60 hours	%60
10	Choose database system	We will choose a database system that will support the	23-SEP-2019	24-SEP-2019	3	%0

		website and applications and work flawlessly			hours	
11	Design GUI for each application	We will design a friendly user interface	17-SEP-2019	26-SEP-2019	30 hours	%90
<i>Phase 2 Implementation & Lunch the product</i>						
12	Develop an application for event check-in checkout	In order to make the event easier and more advanced we will build an entrance application	05-NOV-2019	19-NOV-2019	75 hours	%0
13	Develop an application for camping check-in check-out	The same to the entrance of the event we will build also an application for entrance of the camping	14-NOV-2019	24-NOV-2019	70 hours	%0
14	Mentor meetings	We arrange meeting each week with the mentor	5-NOV-2019	17-JAN-2020	6 hours	%0
15	Develop an application for Shops	In order to sell products at the event we will build an application for shops	21-NOV-2019	02-DEC-2019	70 hours	%0
16	Develop an application for Stand, loan materials	In order to facilitate loan for the participants, there is a stand. And we will build an application for it.	02-NOV-2019	12-DEC-2019	70 hours	%0
17	Develop an application for organization to inspect the event	At the event might be more person go crazy because some people like to drink on this kind of events. As a result, the organizer needs inspection app to inspect the event.	29-DEC-2019	17-JAN-2020	70 hours	%0
18	Develop an application to convert information in the transaction - log-fie to database	We need also an application to transact file to database. As a result, we will build converter application.	19-DEC-2019	27-DEC-2019	75 Hours	%0
19	Develop a website fully functional and user friendly	We will build finale and fully functional& user website.	30-OCT-2019	20-NOV-2019	75 hours	%0
20	Build the database	We will build the database that we have chosen this database should work flawlessly and support the applications and the website	30-OCT-2019	17-JAN-2020	70 hours	%0
21	Testing the whole project	We should apply the Unit Test to the whole project	17_JAN-2020	20-JAN-2020	50 hours	%0
22	Launch &Presentation about the project	To clear our project for the client and third party we will present our project after the submission of the project.	20-JAN-2020	30-JAN-2020	24 hours	%0

Information Table:

In the following table we are using signs to communicate within the team, with the tutor and the client

Person	Project plan	Documents	Weekly meetings	Website& apps
Team	M,Di,S,U	M,Di,S,Ar	M,Ar	Di,M
Tutor	Di,R,A	Di,R,A	Di,R,A	Di,R,A
Client	R,Di,A	R,Di,A	R,Di,A	R,Di,A

M : make , **S** : send, **U**: update, **Ar** : archive, **Di** : discuss, **R** receive, **A** : approved.