

Project P. Phase project plan

Mercedes-Benz Car Show 2018 Event

MSEvents



Dimitar Petrov - 3375471

Kaloyan Dragiev - 3214311

Yanis Dimov- 3258033

Stijn van den Groenendaal - 3441555

Table of content

Project Statement	3
Formal Client	3
Project Leader	3
Current Situation	3
Company Logo	4
Problem Description	4
Project Scope	5
Project Goal	5
Target Group	5
Stakeholders	5
Deliverables and Non-Deliverables	5
Project Constrains	6
Risks	6
Project Phasing	7-11

Project Statement

In this document we provide information regarding the motives for creating such project and the goals for achieving it. The following subjects will be described in the subsequent pages: formal client, the project leader, project scope, current situation, the goal of our project, the deliverables and non-deliverables, the constraints and the risks.

Formal Client

Name: Stan van Hartingsveldt

Email: s.vanhartingsveldt@fontys.nl

Project Leader

Name: Kaloyan Dragiev - 3214311

Email: k.dragiev@student.fontys.nl

Current Situation

We represent a company called “**MotorSport Events**”. We are asked by our client, Mercedes-Benz, to provide a system software solution for an event for them - a luxury car show. A website is needed for clients to find information about their event and reserve entrance tickets and camping spots. During entrance visitors are given an unique “event” card for authorization and authentication for the event. This identification can find further use when people buy drinks and food, as the event currency is connected to the client’s account. There are two possibilities to deposit money - from the website and at the event at an ATM.

Problem Description

Our client needs a system software solution to manage the car event show. A fully functional website and applications connected with a working database is required.

Project Scope

Project Goal

The goal of the project is to create a system for the Mercedes-Benz event. This system will provide all the visitors the convenience of using all the facilities in the event.

Target Group

Men interested in Mercedes-Benz, from the age of 30 with a driving license.

Stakeholders

- The project team, all members of the team.
- The formal client Mr. Hartingsveldt.
- Visitors at the event who will be using the system.

Deliverables and Non-Deliverables

The project deliverables are listed in order below:

- An application to be used at the entrance of the event
- An application to be used at the shops
- An application to be used at the stand, where you can loan materials
- An application to be used when a visitor leaves the event
- An application for the organization to inspect the status of the event
- An application to convert the information in the transaction-log-file to the database
- A website (fully functional)
- System manual
- A presentation about the project

The project non-deliverables are:

- Computers
- Employees
- Check In/Out system (entrance and exit)

Project Constraints

Constraint 1: Time

The project must be completed within 6 months.

Constraint 2: Scope and Quality

The product provided should match the expected outcome.

Risks

1. Clients computers OS is incompatible

Probability: Low

Impact on project: High

Steps to prevent: Good communication

2. Software security problems

Probability: Medium

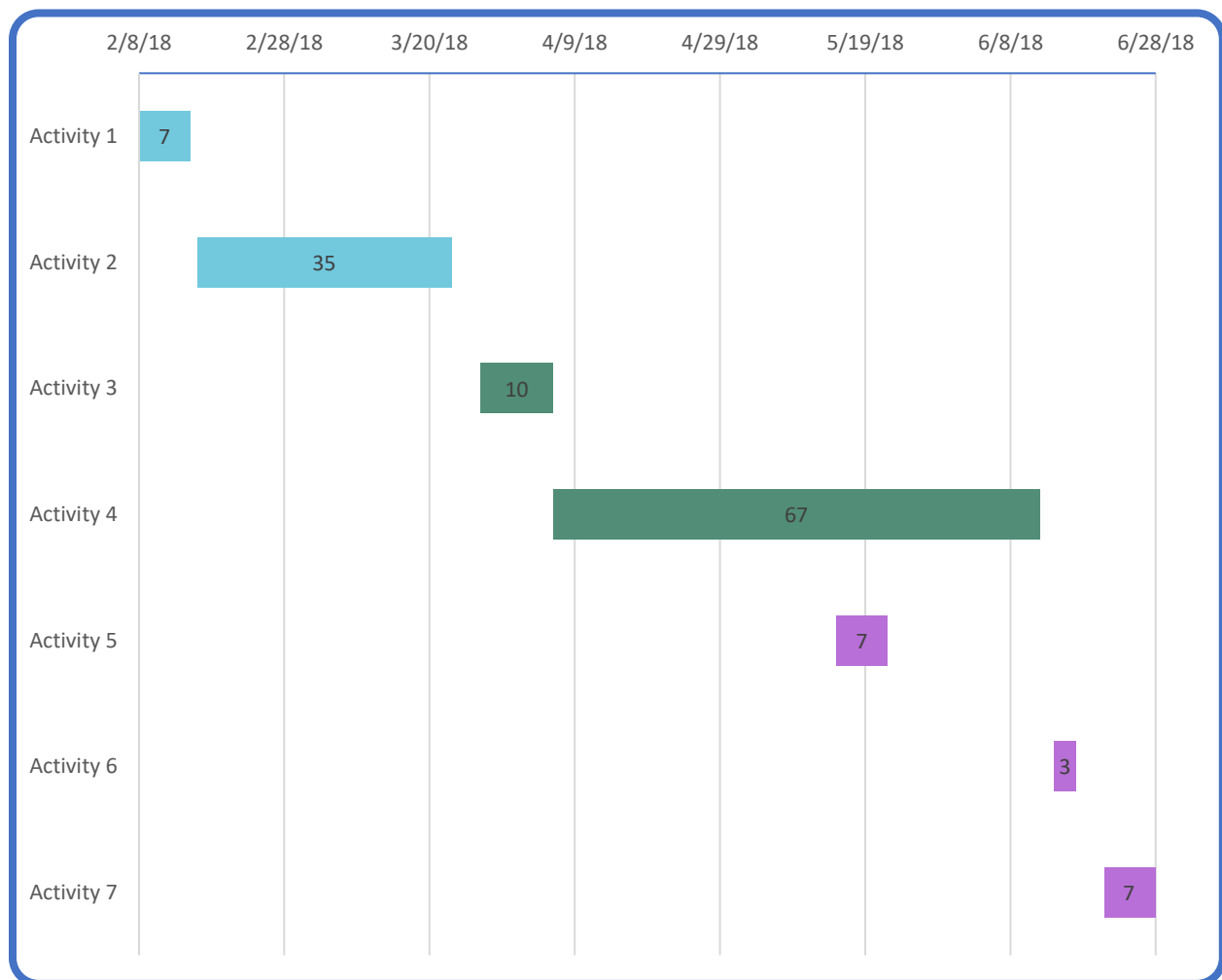
Impact on project: Very High

Steps to prevent: Testing system

Project Phasing

Below are described the phases of our project, with the activities and milestones. This is a visual overview of the tasks - their dependencies and milestones. The project will take 20 weeks to be completed.

Name of activity	Activity	Start date	Days to complete	Manhours
Project preparation	Activity 1	08-Feb-2018	7	15
Project plan and administrative documentation	Activity 2	16-Feb-2018	35	90
General conception design	Activity 3	27-Mar-2018	10	20
Design, Build, Test	Activity 4	06-Apr-2018	67	135
Website Deployment	Activity 5	15-May-2018	7	15
Presentation	Activity 6	14-june-2018	3	8
Software deployment	Activity 7	21-june-2018	7	15



Phase 1: Conceptualize and Initiate

The aim of this phase is to get familiar with what our project is about and convey the relevant documents and deliverables required.

Activity 1 – Project Preparation

The tasks for this activity are:

- Form the group
- Create a name for our group
- Create a logo for our group
- Discuss member roles
- Have a first meeting with a mentor and client
- Assign task to each member of the team

Estimated duration: 1 week (15 manhours)

Activity 2 – Project plan and administrative documentation

The tasks for this activity are:

- Work on project plan
- Work on the setup document
- Work on website (Static part)
- Design the database
- Choose database system
- Design GUI for the application
- Work on the process report

Estimated duration: 6 week (90 manhours)

Deliverables for **Milestone 1** are:

- A name for the company
- A logo for the company
- A project plan document
- A setup document
- A website – wireframe
- A website (static part)
- A database design
- A process report

Go/No go decision for **Milestone 1**

Phase 2: Design, Build and Test

Our goal for this phase is to Complete 3 activities which will run in parallel - to design, build, test the website, the database and the applications and to discuss it with the client, respectively. There will be 3 cycles of designing, building, testing and reworking based on client's feedback.

Activity 3 – General Conception and Design

The tasks for this activity are:

- Create general conception of the workflow and the design of the software system (website, database and applications).

Estimated duration: 1.5 weeks(20 manhours Total)

Activity 4 – Design, Build, Test

The tasks for this activity are:

- Make a design for the software system (website, database and applications)
- Build the software system (website, database and applications)
- Test the software system (website, database and applications)

Estimated duration: 3 sprints of 3 weeks each(135 manhours Total)

After each completed cycle of designing, building and testing the software - client approves/disapproves the completed section.

Deliverables for **Milestone 2** are:

- Finished GUI for all the applications
- Finished Website, Database and Application

Go/No go decision for **Milestone 2**

Phase 3: Present and Deploy

During this phase we present, deploy the whole software system and integrate it into the event.

Activity 5: Website Deployment

- Deploy the completed website

Estimated duration: 1 weeks (15 manhours)

Activity 6: Presentation

- Present the completed project to the client

Estimated duration: 1/2 weeks (8 manhours)

Activity 7: Software deployment

- Package the software
- Deploy the final software product

Estimated duration: 1 weeks (15 manhours)

Deliverables for **Milestone 3** are:

- Deploy the software system product package
- Finished process report