Project Exam

Project Planning Document
&
Functional Specification Document

By: Marie Helen Berger
19.05.2019

PROJECT PLANNING DOCUMENT

Project start:	13/05/19
Project deadline:	16/06/19
Planned delivery:	14/06/19
Risk/Critical stages:	• Color-scheme decission (30.05) **(moderate)** • Implementation of Javascript code (03.06-07.06) **(high)**
Milestones:	1. Delivery of Functional spec, project planning document, Gantt chart 2. Delivery of Target audience, persona/storyboards, wireframe/prototype 3. Color scheme decision 4. Finish HTML 5. Finish JavaScript 6. Finish CSS 7. Testing with users on various devices 8. Finish report 9. Delivery of report with link to microsite, all files compressed to ZIP

Project manager

Project dates   13-May-2019 - 15-Jun-2019

Completion   23%

Tasks   39

Resources   0
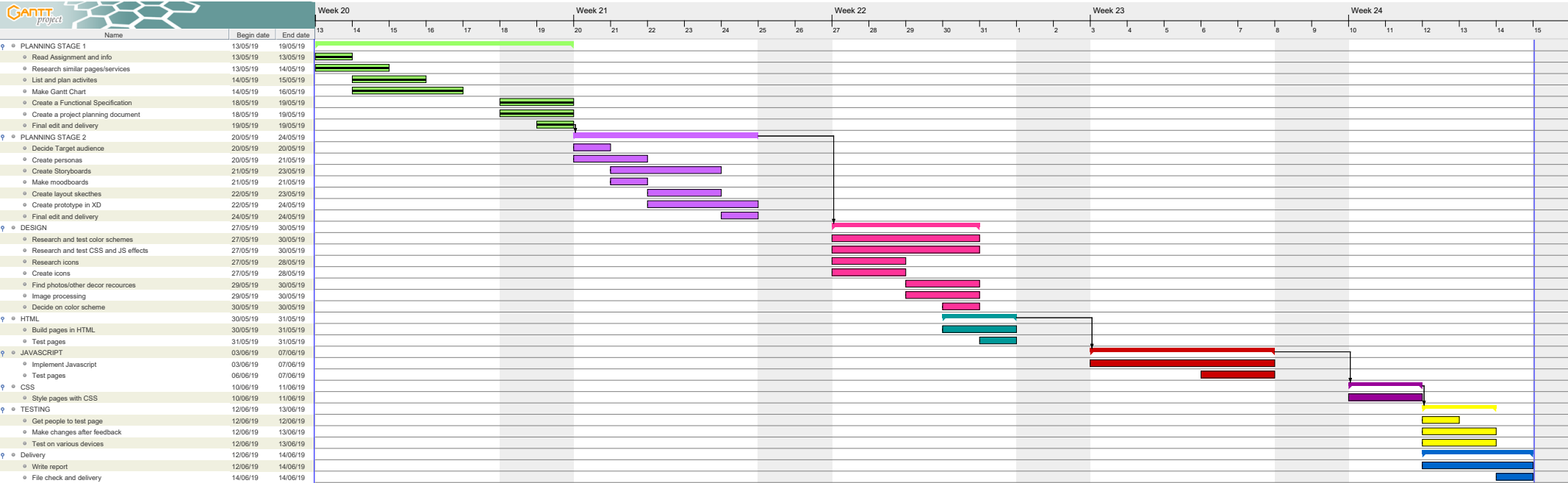
Gant chart for the project exam of Spring 2019

Name	Begin date	End date
PLANNING STAGE 1	13/05/19	19/05/19
Read Assignment and info	13/05/19	13/05/19
Research similar pages/services	13/05/19	14/05/19
List and plan activites	14/05/19	15/05/19
Make Gantt Chart	14/05/19	16/05/19
Create a Functional Specification	18/05/19	19/05/19
Create a project planning document	18/05/19	19/05/19
Final edit and delivery	19/05/19	19/05/19
PLANNING STAGE 2	20/05/19	24/05/19
Decide Target audience	20/05/19	20/05/19
Create personas	20/05/19	21/05/19
Create Storyboards	21/05/19	23/05/19
Make moodboards	21/05/19	21/05/19
Create layout skecthes	22/05/19	23/05/19
Create prototype in XD	22/05/19	24/05/19
Final edit and delivery	24/05/19	24/05/19
DESIGN	27/05/19	30/05/19
Research and test color schemes	27/05/19	30/05/19
Research and test CSS and JS effects	27/05/19	30/05/19
Research icons	27/05/19	28/05/19
Create icons	27/05/19	28/05/19
Find photos/other decor recources	29/05/19	30/05/19
Image processing	29/05/19	30/05/19
Decide on color scheme	30/05/19	30/05/19
HTML	30/05/19	31/05/19
Build pages in HTML	30/05/19	31/05/19

Tasks

Name	Begin date	End date
Test pages	31/05/19	31/05/19
JAVASCRIPT	03/06/19	07/06/19
Implement Javascript	03/06/19	07/06/19
Test pages	06/06/19	07/06/19
CSS	10/06/19	11/06/19
Style pages with CSS	10/06/19	11/06/19
TESTING	12/06/19	13/06/19
Get people to test page	12/06/19	12/06/19
Make changes after feedback	12/06/19	13/06/19
Test on various devices	12/06/19	13/06/19
Delivery	12/06/19	14/06/19
Write report	12/06/19	14/06/19
File check and delivery	14/06/19	14/06/19

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Make changes after feedback	12/06/19	13/06/19
Test on various devices	12/06/19	13/06/19
Delivery	12/06/19	14/06/19
Write report	12/06/19	14/06/19
File check and delivery	14/06/19	14/06/19

The Gantt Chart

The chart is using a hierarhic setup, with eight main-headers:

- Planning Stage 1
- Planning Stage 2
- Design
- HTML
- JavaScript
- CSS
- Testing
- Delivery

All of these headers have multiple tasks under them, written in the order they should be completed by. Some of the tasks will be done simultaneously, as they are connected to each other (in the Design part especially).

Each of the headers and their related tasks have their own color, so that you'll get a better overview of the planning.

I have planned without using the weekends (except this week because of national holidays etc.) , as that would be preferable for my everyday-life. I know by experience that this probably won't be the case, but it is a nice "safety space" to have in the planning regardless.

I also know that the most risky stage in the assignment will be the implementation of JavaScript in the code, as this is the most difficult field for me to work with at this moment. So I have planned the Javascript part between two weekends, so that I have some extra time if needed, and I have no other tasks at the same time. So that I can concentrate fully on the JavaScript coding (*if* I manage to follow the plan, that is). I have also planned to use three days on the report writing. Usually I am able to write a report in a day, especially if I'm good at writing down notes during the whole project. But the report requirements looks to be more comprehensive in this assignment, than the others, so I have given this a bit more time.

FUNCTIONAL SPECIFICATION DOCUMENT

Date	Version	Document Revision Description	Document Author
19/05/19	V1	Draft Version	Marie Helen Berger

Introduction

SpaceX is a private American aerospace manufacturer and space transportation services company. We are to create a microsite* for them to raise awareness about their space program.
The microsite should appeal to a specific target audience and provide links to more information, live feeds of launches, and so forth.

Microsite = a branded, self-contained site, usually on a its own domain, with a single purpose and a limited number of pages.

Functional Specifications

Purpose/Description	Create a microsite for SpaceX to raise awareness about their space program.
• Features	• Responsive design • Timeline • Link to SpaceX's main site • Social Media Links for microsite and mainsite • Info-box about ISS current location (JSON) • Contact form with JavaScript validation • Design will meet WCAG requirements • Information about the spaceprogram • Photos and informational graphics

Use Cases

UC-1	Create a microsite for SpaceX to raise awareness about their space program.
Primary Actor(s)	Visitors of the microsite
Trigger	User wants to retrieve information about SpaceX's space program.
Pre-conditions	User is googleing "SpaceX" and got the microsite as a result, and decide to investigate the site.
Post-conditions	The user has found the information they were looking for, and has saved it to his/her bookmarks for future visits.
Main Success Scenario	1. Googles "SpaceX" 2. The microsite is one of the top results 3. The user chooses to investigate the site 4. The user navigate around the site, and find the information he/she was looking for, in addition to other interesting finds.
Extensions	If the users only choose SpaceX's main website when googleing, there will also be links to the microsite here.
Priority	High