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NPM Pill

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Overview

NPM is a tool that manages the dependencies of our Javascript project, both in client and in backend (NodeJs). Thanks to this tool, we can work with the installation of those modules that our project needs in a comfortable way, avoiding all the problems involved in installing the dependencies manually and without any control or supervision.

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Project information

Project Requirements

- You must perform all the steps using only the command line.
- You must configure your repository to ignore the following files and directories
- Directory where NPM dependencies are installed
- You should be able to run the moment js library and make a small example using the methodology provided by NPM.
- Create a clear and orderly directory structure
- Both the code and the comments must be written in English
- Use the camelCase code style to define variables and functions
- In the case of using HTML, never use online styles
- In the case of using different programming languages always define the implementation in separate terms
- Remember that it is important to divide the tasks into several sub-tasks so that in this way you can associate each particular step of the construction with a specific commit
- You should try as much as possible that the commits and the planned tasks are the same
- Delete files that are not used or are not necessary to evaluate the project
- Link of the music video on iTunes

Project Specifications

For this project, you must deliver the following:

- Repository with code
- You must create a correctly documented README file in the root directory of the project (see guidelines in Resources)

- Documentation of the pill in PDF format

Risk Management Plan

Every project has risks. This risks must be taken into account to improve the workflow of the project. I've listed the risks for the project, along with the impact they might have, and the priority of them.

#	Risk	Consequence	Prob. (1-5)	imp. (1-5)	Pri. (1-25)	Mitigation approach
1	Breaking my computer	Can't do anything	1	5	5	Keep my repo work to date, look for other computers
2	Getting sick	Wouldn't be as productive	2	3	6	Eat and sleep well
3	Not concentrating enough	Won't be able to finish the project	2	5	10	Focus on the Minimum Viable Product.
4	Unrealistic deadlines	Deadlines wouldn't be met + development shortcuts would have been taken affecting the robustness of the code	2	3	6	Be more organized with the tasks, set new deadlines.
5	Being unfocused	Loss of control over the development flow of the project	4	5	20	Focus on finishing the most important tasks only.

Tasks for the project

Defining this part is crucial to the development of the project. It is important to make a good analysis of the situation to organize the project in a good way.

1. Project organization
    - Priority: Medium.
    - Description: Reading the project and understand it

- Difficulty: 2/10
- Time estimation: 1 hr

2. Creating Git Repo
    - Priority: High.
    - Description:Creating the git repo for the project.
    - Difficulty: 1/10
    - Time estimation: 5 min.

3. Adding necessary files to VSC
    - Priority: High.
    - Description: Adding html file and folders
    - Difficulty: 1/10
    - Time estimation: 1 hr

4. Creating js files
    - Priority: High.
    - Description:Creating the git repo for the project.
    - Difficulty: 4/10
    - Time estimation: 30 min.

5. Installing webpack:
    - Priority: High.
    - Description: Installing webpack for the project
    - Difficulty: 5/10
    - Time estimation: 5 min.

6. Downloading moment
    - Priority: High.
    - Description: Installing webpack for the project
    - Difficulty: 5/10
    - Time estimation: 5 min.

Chronogram

Task #	Thursday	Friday
1	X	

2	**X**	
3	**X**	
4	**X**	
5		**X**
6		**X**

Calendar

- **Thursday:**
  -Learn about NPM, watch tutoriales.
  -Create the files for visual studio code.

- **Friday:**
  -Download dependencies and necessary files.
  -Run npm commands
  -Download local server, use moment.

Git Workflow

For this project, all commits we'll be pushed directly to the Master branch. All commits will use a descriptive message, so that myself or other users can easily go to the Git version that they need to. This is very important for working in teams as it increases communication and efficiency between all members.

Technologies used

For this project, we will use the following technologies:

- HTML, CSS and JavaScript.
- Moment dependency
- NPM

Project Validation

Quality Metrics

-Go to console and see that moment is working.

-Make sure all commands in the terminal are working well.

Lessons learned

-Npm is the world’s largest software registry.
-Npm contains hundred of thousands of code packages.

Incidents

-I had some incidents when using git.
-Many incidents when using .gitignore.