Project to be returned
PWA PSB
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Build a PWA-like web application.

Several steps in this development:

First stage :

Define and validate the subject: games, data management, data processing....
Indicate your group and the subject you want to work on in a document
(PDF Format). Send the document to Mr. Stroppa (yvan.stroppa2@univ-lille.fr) for validation of the subject.

Second step :

Analysis and implementation of the solution to meet the implementation requirements.
In this part you will detail the approach and the way in which you approach the problem and how you define the possible solutions. If you need a database describe the model to use.

Third step :

Realization of the application using dedicated environments and appropriate technologies (Html, Css, Js ... nodejs or others)

Fourth step:

Added manifest.json and service.worker PWA add-ins for your application. Define the retained strategy as part of the service.worker. Please refer if necessary to the examples provided in class (see annexes)

Fifth step:

Test your application in different browsers to verify that it works. In this step, you are not asked to solve all possible problems but at least to report them...

Deliverables:

At the end of this project, you must deliver**two things**:
        1/ A report to explain and detail your achievement starting from the statement of your problem to the result obtained. Try to provide as much information as possible to understand your approach and your achievement.

        2/ Your application as well as all the files necessary for its operation. This application can, if necessary, be deposited under github. A possible procedure if necessary for installation and use to accompany this delivery to facilitate its use.

Rating of the app:

        A reading of the report will allow you to know who and what you wanted to develop and to learn about the process implemented and the results obtained.
Then we will proceed with the installation of the application and its test from any browser (Firefox, Chrome, Edge, safari) and the whole will be tested to verify the functionalities of the application by following the report. PWA features will also be checked (local installation, offline operation and service worker).

To make the PWA adjustments please refer. We can use your browser's Lighthouse (inspect element and last tab) to evaluate the application.
- at the course deposited on github
        https://github.com/ystroppa/M2_PWA/blob/master/pwa_presentation.pdf
and the tutorial Travaux_pratiques1_correction.pdf
         https://github.com/ystroppa/M2_PWA/blob/master/Travaux_pratique1_correction.pdf

You can integrate parts of existing code, you are simply asked to indicate the sources and to be able to understand and explain these codes.

Appendices:

Examples to understand how it works please switch to console mode and look in the Application tab to view the manifest.json and the service worker.

Url with PWA type application for analysis
        https://appsco.pe/app/2048
        https://wits.github.io/regrets/
        https://2048.love2dev.com/
        https://pokedex.org/
        https://app.ft.com/stream/home
        https://deanhume.github.io/beer/