SMART CLASS PLANNER

TEAM : SJCZZ   JUL-25-2018

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Brief Introduction—motivation

1. Many students including ourselves were spending a lot of time during their class selections, because
   - They need to open several websites to check their requirements and see if the courses were provided in specific quarter.
   - They need to write down their courses on a piece of paper and it was hard to modify their courses.

2. We are all interested in web development, and we think this project would help us to learn a lot of knowledge about web development.

Goals / Achievements

Set out to achieve

1. Design a user-friendly and easy to use interface.
2. List all the courses in selected year and display their information.
3. Implement user interaction that user can click on the course name to add the course.
4. Give suggestions to users, which allows them to make their own plans.

Achieved

1. We designed an auto-adjust table for user to display their select courses.
2. We displayed all courses in the year categorized by different quarters.
3. When the users click the course on the list, they can see the detailed information about the course and they can add the course into the table.

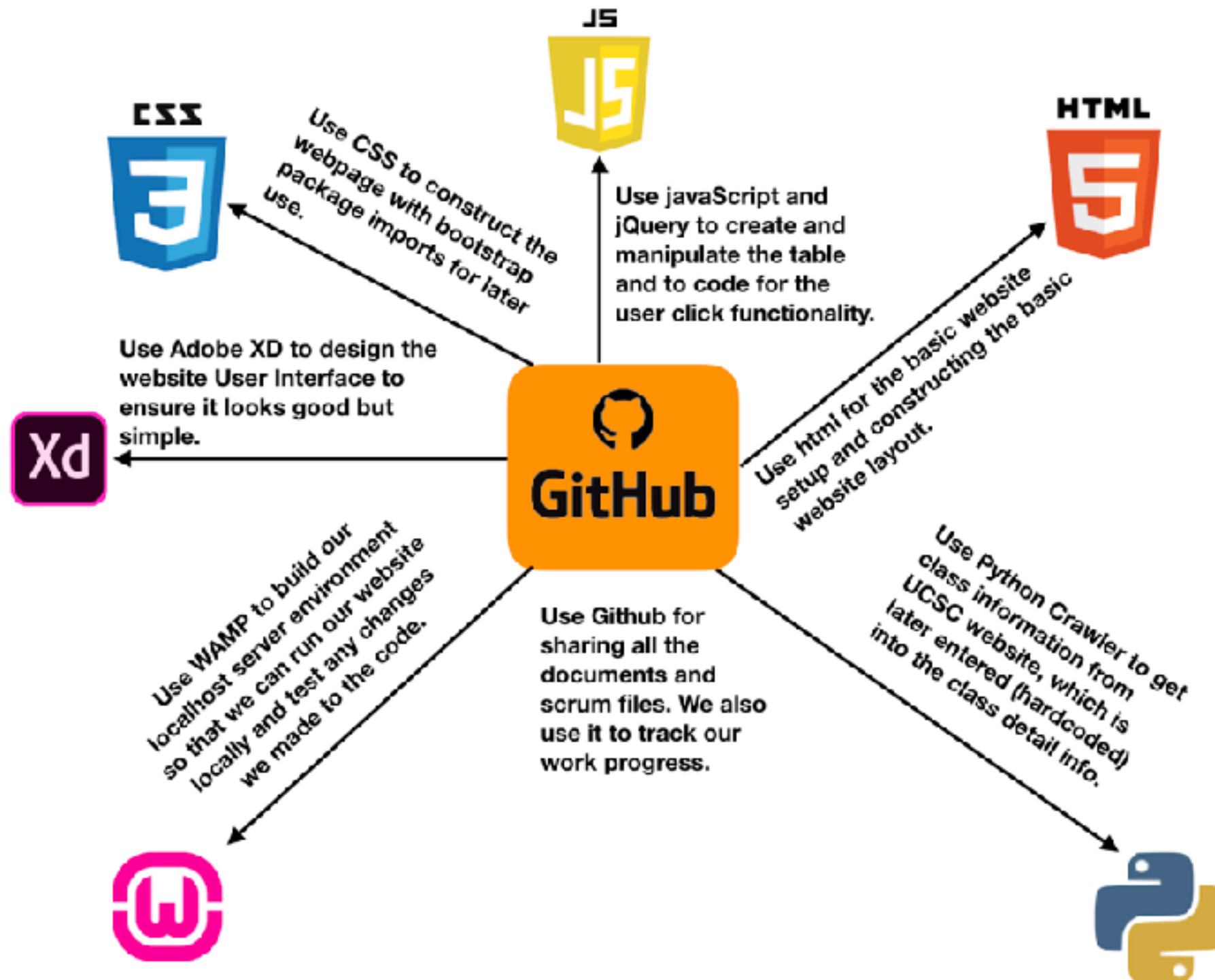# Biggest Challenges / Achievements

Challenges

1. We don't have sufficient experience in web development.
2. It's hard to find concrete tutorial online for our specific implementation, so we have to start from the ground.
3. It maybe so difficult to implement the initial idea by coding, so we need to be on alert to change the idea if is necessary。

Achievements

1. We changed our initial idea and distributed it to several simpler implementation to make it realizable.
2. We read a lot of tool and language documentations and developing experience to make sure we were on the right track to finish the project demo on time.

Demo

System Overview and technologies

Project Management Used

1. Scrum Meeting: at least 3 times a week and each meeting is strictly 15 minutes.
2. Scrum Board: Keep tracking every task status.
3. Agile Planning: Create user stories, sprint plans and tasks.

What We Enjoyed

1. It's fascinating to have a group of people to aim to the same goal in a period of time.
2. It was rewarding and motivating to do group work than working as individuals.
3. It's interesting to discuss in the group to achieve our goal.
4. It's excited to do really project rather than learning theoretical fundamental knowledge.

What We did not

1. Time period is short so that we cannot implement every idea we had in the first place.
2. Lots of documentations made us frustrating.
3. We chose a wrong tool at first that wasted a lot of time.

Lesson learned

1. What worked : Read a lot of original documentations of the tool or the language and practice from a simple function and gradually to more complicated model.
2. What did not work: Youtube tutorials were convenient, but it didn't help us save the time, rather it lead us to a wrong way.
3. Wished we had done:
   1. To build a functional database either for class information or user profiles storage.
   2. Implement the planner for every major.