Web_Lesson1: Tools (GitHub and WebStorm)

Please do not forget to submit your feedback after the class. This feedback helps a lot in increasing the effectiveness of the course. Use the respective Canvas survey to submit your feedback.

Lesson Overview:
We are going to learn about the tools GitHub desktop and WebStorm IDE.

Use Case Description:
Installation of WebStorm, GitHub and discussion about GitHub

Programming elements:
GitHub

Source Code:
NA

In Class Programming (ICP):
1. Show that you have WebStorm installed on your machine
2. Create a GitHub account. Create a repository in remote GitHub. Clone it to the local machine. Create 2 (Source and Documentation) directories in local GitHub
3. Take screenshots of a repository creation and put them in the documentation folder in the local repository and sync it to the remote repository
4. Create an HTML document named "index.html" and place it in the source folder
5. Write about your repository in README.MD file
6. Create a wiki page for your first ICP(Web_ICP1) and explain what you did in your first ICP (use the screenshots took in step3)
7. Fork any existing repository (Ex: https://github.com/angular/angular)
8. Create a branch for your repo and make a pull request
9. Create an issue and describe your pull request
10. Sync both local repositories with the source and documentation folders with the remote repository

ICP Submission Guidelines
1. ICP submission is an individual contribution
2. Submit your source code and documentation to GitHub and represent the work through the wiki page accurately (submit your screenshots as well. The screenshot should have both the code and the output)
3. Comment your code appropriately
4. Video submission (3 to 5 min video showing the demo of the ICP, with brief voiceover on the code explanation)
5. Submission after the due date is considered as a late submission. (Check the 'Late Submission Policy on Assignments' in the syllabus)
6. Use the related Canvas survey to submit your ICP # and feedback

ICP Rubric Details

You can find ICP Rubric Details in both the Syllabus and Canvas ICP assignment.

Criteria	Novice	Competent	Proficient
Wiki page (25)	Basic wiki page. (>=0 to <=5)	Wiki page with the required details. (>5 to <=15)	Wiki page with all details and making it easy to follow and understand. Visually looking good. (>15 to <=25)
Video (25)	Basic video. (>=0 to <=5)	Video with the required details. (>5 to <=15)	Video with all details and making it easy to follow and understand. Annotated with the subtitles. (>15 to <=25)
Completeness of given assignment (25)	It is partially solved. (>=0 to <=5)	Completely solved. (>5 to <=15)	It is solved efficiently. (>15 to <=25)
Code Quality (It is relative) (10)	Refer to the best coding practices page. (>=0 to <=5)	Refer to the best coding practices page. (>5 to <=8)	Refer to the best coding practices page. (>8 to <=10)
Commenting the code (10)	Not useful comments. (>=0 to <=5)	Slightly appropriate comments. (>5 to <=8)	Appropriate comments. (>8 to <=10)
Time of submission	Submission after the due date. Check the 'Late Submission Policy on Assignments' section in the syllabus	Submission on the deadline. No score will deduct from the obtained score.	Submission before the deadline. No score will deduct from the obtained score.
Submission (including feedback) (5)	Submission with partial details. (>=0 to <=3)	Submission with the essential details. (>3 to <=4)	Submission with all the details. (>4 to <=5)
Total	**Minimum = 0**		**Maximum = 100**

Note: Cheating, plagiarism, disruptive behavior, and other forms of unacceptable conduct are subject to strong sanctions under university policy. See detailed description of university policy at the following URL: https://catalog.umkc.edu/special-notices/academic-honesty/