**Web\_Lesson1: Tools (GitHub and WebStorm)**

# **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. Create a branch for your repo and make a pull request
8. Create an issue and describe your pull request
9. Sync both local repositories with the source and documentation folders with the remote repository
10. Fork any existing 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 report accurately (submit your screenshots as well. The screenshot should have both the code and the output)
3. Comment your code appropriately
4. Present your work to the TAs before you leave.
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 the Syllabus ICP assignment.

**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/>