

CPSC 314 Web Project Deliverable 2

(last updated: 10 October 2021)

Worth 5% of your overall course grade. **Late Policy:** a penalty of 10% per 24 hours late. This deliverable requires your WPD1 to be **submitted and approved** first!

Web Project Front-End Tasks

This web project deliverable should be your “mostly” complete front-end user interface based on the **approved** web project proposal you submitted previously. It should look and feel like a completed web site but does not need to handle any back-end logic or database access.

Functional Requirements

All **5** (at a minimum) of your **front-end** functional requirements listed in your project proposal should be supported by the final submission of this web project deliverable.

This does not mean you need to implement any of your back-end interactions, it means the user interface level interaction that results in completion of a functional requirement needs to be present. Any back-end logic may be “hard coded” to simulate the action. For example, instead of the (future) required database request you may have a static “response” from a JavaScript function. An example from the functional requirement in the WPD1 prompt (“Users must be able to leave a comment at the bottom of each blog page”) that would meet this requirement is to dynamically insert a comment at the bottom of the blog page from a static string in a JavaScript function so it looks like the comment was posted but would not require any information to be sent or stored in a database – from the end-user perspective, they have left a comment at the bottom of the blog page (refreshing the page would make the comment disappear).

For each of the **5 front-end** functional requirements, **clearly document the interaction process** in a “step-by-step tutorial” manner. Use my tutorial documents as an example of what I’m looking for (e.g., the 1G. GitHub Tutorial document). Note that you do not need to demonstrate the back-end aspect of these functional requirements, only the front-end user interaction.

Version Control

You will be graded on your use of git version control. You will lose points if your only commit history is your initial commit and/or you only have one bulk commit! Commit early and often as reasonable (a good rule of thumb is to commit after completing a feature/fix) while you implement features and/or functional requirements. At a minimum, you are expected to have **6** commits – an initial commit with your README and one commit for each of your (**5**) functional requirements. You are also expected to include a relevant and descriptive submit message/comment.

Deliverable

Your source code should be pushed to the classroom GitHub Classroom assignment for this deliverable and I should be able to clone your repository and load your front-end website locally.

1. You must create a README document for your project following the [Creating a README](#) guide linked (You don’t need to follow the “Creating your wiki” section but you can if you want). I should be able to deploy your web project based on the information provided here.

2. You must submit your GitHub Classroom URL to your project. See the above commit requirements.
 - a. URL: <https://classroom.github.com/a/3giaBn1c>
3. All 5 functional requirements listed in your project proposal must be supported and demonstrated in a document as outlined below. You will also need to submit this document as a PDF to the Canvas assignment. It follows the same formatting requirements as WPD1 – 16 point heading 1 and 13 point heading 2.

--begin template--

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Project Name

Your Name

Date

GitHub URL

The URL to your GitHub Classroom repository.

Functional Requirement 1

Users must be able to leave a comment at the bottom of each blog page

Description as necessary, ordered steps for interactions, and screenshots to illustrate user interface state as the interactions progress.

Functional Requirement 2

Users must be able to do a different thing

Description as necessary, ordered steps for interactions, and screenshots to illustrate user interface state as the interactions progress.

(Repeat) Functional Requirement 3 (through 5)

Users must be able to do 3-5 different things

Description as necessary, ordered steps for interactions, and screenshots to illustrate user interface state as the interactions progress.

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Notes:

The word “mostly” is intentionally open ended here because it is highly likely that you will need to make front-end refinements between this submission deliverable and the final WDP4 deliverable, e.g., you may have theme/color changes, more fully implement front-end frameworks which result in variations in look/feel of the user interface, etc. This does NOT mean that you should not put any effort in implementing and styling your web page!

I may I add to these notes with tips / clarifications as the come up.