**Code Review for Lab 4 – HTML5 Canvas and JS Development Tools**

|  |  |
| --- | --- |
| Reviewer |  |
| Developer (Person who wrote the code) |  |
| Date code received from the developer |  |
| Date review sent to the developer |  |

Instructions

1. The reviewer will complete the “Beta” column of this form. The developer will revise their code based on the review.
2. After revising their code, the developer will fill out the “Prod.” (Production) column of this form to indicate what they have changed.
3. The developer will fill out the “Professional development tools and techniques” table on the last page and insert screen-shots.

|  |  |  |
| --- | --- | --- |
| ***Programming style for all programs*** | **Beta** | **Prod** |
| Is proper indentation used? |  |  |
| Are there comments describing what variables and methods are for? |  |  |
| Do variable names have descriptive names and use camel case? (camelCase for example)  Are variables declared with let or const? |  |  |
| Do function/method names use camel case?  Do functions/methods pass parameters and return values appropriately? |  |  |
| Do class names use title case (aka PascalCase)? |  |  |
| Does the code take advantage of opportunities to use ES6 syntactical elements such as arrow functions, string literals and classes? |  |  |
| Content, style and functionality are provided in separate files (.html, .css, .js)?  Inline CSS styles are used only sparingly in HTML?  Event handlers are assigned and created in JS code not in HTML? |  |  |

Comments:

|  |  |  |  |
| --- | --- | --- | --- |
| ***MemeCreator application*** | **Beta** | | **Prod** |
| Completed MemeCreator application? |  |  | |
| Created a class called Memes? |  |  | |
| Created a constructor?   * Used the keyword this in conjunction with instance variables (rather than let or const) * Created an instance variable for each ui element? * Called the function createCanvas? * Called the function createMeme? * Called the function addEventListeners? |  |  | |
| Created the createCanvas method? |  |  | |
| Created the createMeme method? |  |  | |
| Created the addEventListeners method? |  |  | |
| Created the downloadMeme method? |  |  | |
| Created the loadImage method? |  |  | |
| Created the resizeImage method? |  |  | |
| Instantiated a Memes object?  When does the object get created? |  |  | |
| Added at least 2 new (relatively simple) features to the application?  What features were added?  What canvas properties or methods did you use to implement these features? |  |  | |
| Application satisfies all requirements and functions correctly? |  |  | |

Comments:

|  |  |
| --- | --- |
| ***Professional development tools and techniques*** | ***Prod*** |
| npm was used to manage modules?   1. package.json file was created? 2. Modules including babel and webpack are installed? 3. Scripts were added to facilitate development tasks?   Screenshots showing that npm, babel and webpack were used:   1. Screenshots showing the directories and files for each working directory? 2. Screenshots showing the web apps running on the development server with the URL in the browser visible. |  |
| Url for memeCreator on citstudent: |  |
| Url for memeCreator on citstudent? |  |

What is one thing you learned doing this lab?

Insert your screenshots below.