**Code Style Guide - Emergent Playground**

1. All variables will be in the camel case.
2. Use let statements instead of var and use const whenever a variable is not required
3. Frontend functions that interact with the backend should take objects
4. Backend functions that interact with the database should take parameters
5. There should not be any optional parameters if it can be avoided
6. All sql code must be compatible with postgresql version 15.5
7. Shader language code must be compatible with the p5 js library
8. Functions must have comments that describe
   1. How to use the function above where the function is defined
   2. Explanations of how the implementation works within the function at each major stage of the functions
   3. All comments must be in the JSDOC format.
9. Queries must be parameterized
10. Focus on readability of code
11. Naming should be as obvious as possible
12. A member of the team should not need to understand how the implementation of the module works to use it
13. There must be an interface whenever interacting between frontend/backend/database
14. Run prettier once code is completed for style uniformity