

EventHub Coding Standard

1. Formatting:

- Indent for readability
- Use 4 spaces = 1 tab to indent
- Each nested block should be indented and spaced properly
- Single space after using a comma to separate function arguments
- Use a space on each side of any operator
- Use empty lines to break apart related blocks of code
- Lines of code should be more no than 100 characters for readability
- Indent following lines when a line is broken because it is too long
- All import statements should appear at the top of the file
- Variables should be defined near where they are used

2. Naming conventions for files, variables, constants and functions:

- Meaningful variables names so that anyone can understand the reason for using it
- Variables should be named using camel case lettering starting with a lowercase letter (ex. **localData**)
- Constant names should be formed using capital letters only (ex. **CONSDATA**)
- Try to avoid using digits in variable names
- The names of functions should be written in camel case starting with lowercase letters
- The name of the function must describe the reason for using the function clearly and briefly
- Functions names should be verbs that describe what the function does
- Files that export a React Component should be written in camel case starting with uppercase letters
- Files that export a React Component should be named to match the components they export
- Files that export React screen components should end with the word "Screen"
- Files that export React navigators should end with the type of navigator (ie. "Tabs" or "Stack")
- Files that export style sheets should end with the word "Style"

3. Documentation:

- Code should have proper comments in places where it is needed
- Describe complex functionality to enhance understanding
- Every commit should be accompanied by a commit message explaining the changes

4. Other:

- Lengthy functions are harder to understand and increase overall complexity
- Instead they should be broken up into smaller tasks
- Each function should do a single thing when possible
- No code should be duplicated as it would need to be updated in multiple places
- Instead group repeated code into a shared function
- Async/await syntax is preferred to .then() syntax for dealing with promises for readability
- Try/catch statements should be used to catch errors
- Log statements should be removed once development on a feature is complete
- Delete all variables, functions, and imported modules that are not used
- Complex expressions should be broken down into parts and assigned to variables for clarity