Source Code Checklist

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- Identifier naming

    ☐ Identifier names are consistent

    ☐ Identifier names are meaningful

- Coding

    ☐ Source code in the src folder

    ☐ Comments on "what" not "how"

    ☐ Avoid hard-coded constants (other than maybe 0 or 1)

    ☐ Consistent indentation

    ☐ Explicit identification of coding standard being followed

    ☐ Code standard is followed

    ☐ Parameters in the same order for all functions

- Relation to other documents

    ☐ Descriptive name for source code files

    ☐ Mapping to module guide (system architecture) is clear, may require a document explicitly mapping between modules and code files

    ☐ Show mapping between MIS symbols (low-level design document) and code symbols

- Readability

- ☐ Code is reasonably understandable to someone that knows the programming language, but is new to the project
- ☐ Esoteric language features avoided when a simpler language feature could be used
- ☐ Incomplete code is flagged with a suitable marker, such as "TO DO"?

- [This checklist is not exhaustive. More items should be added. —SS]