

Typo List

Record any typographical errors that you find during your inspection preparation on this list, including spelling, grammatical, formatting, and style errors. These should be corrected but need not be discussed at the inspection meeting. They will not be counted as defects.

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Scheduled Inspection Meeting Date: April 4, 2018

Work Product Description: A system which collects turbulence information from sensors of in-flight aircrafts and continuously uses the real-time turbulence data to provide pilots with a visual display of turbulence-affected flight zones through real-time turbulence data to provide pilots with a visual display of turbulence-affected flight zones through an interactive application. an interactive application.

File Name	Line Number	Description of Typo
main.js	72-73	When documenting the parameters, "whether to add" infers boolean type arguments, but it would be clearer if the type is indicated in the documentation.
main.js	134	Documentation of the reports parameter, "@params reports the reports to be added", is ambiguously phrased and difficult to understand.
main.js	205-206	Grammatical errors in comment of code: "prevents the default click" should be phrased as "prevents default clicks from passing through", "so we don't click-to-zoom" should be phrased as "should not trigger click-to-zoom".
Statistics.py	67-69, 79-81	Nested syntax shorthand of nested for loops iterating through conditional probabilities hurts readability of code, and can be difficult to debug since it is difficult to set up breakpoints.
Weather_Fun.py	102	It is inconsistent that the unit of parameter height is indicated in the previous line, while the unit of time is not indicated on this line. Is it seconds, hours, milliseconds, or another unit?
Weather_Fun.py	148-156	Redundant comments ("unused code") that can be deleted. It appears to be left over during development of the algorithm to calculate tke, uwnd, vwnd.
definitions.py	4-11	All file path variable names have suffix "_DIR" attached. This makes sense for the first variable declaration in line 3, "ROOT_DIR", but since all paths from line 4 to 11 are files, "_DIR" suffixes should be removed.

File Name	Line Number	Description of Typo
Simulator.py	89	It is inconsistent that the unit of zonal wind speed, meridional wind speed is indicated in the following lines, yet the unit of time is not indicated on this line. Is it seconds, hours, milliseconds, or another unit? (Similar issue as Weather_Fun.py)
Simulator	247	Grammatical error for description of returned value. "List of the current active flights" should instead be phrased as "a list of currently active flights".
db_interface.py	Entire File	There are no comments or documentations for any methods within the file, yet the file contains critical business logic relevant to the application. Documentations should be added.
views.py	Entire File	There are no comments or documentations for any methods within the file, yet the file contains critical business logic relevant to the application. Documentations should be added.