3.1 - Range of techniques

The implemented tests align almost completely with the test plan. The entire range of crucial tests were implemented, largely consisting of generating random points/medDispatches and ensuring the correctness of the output paths.

For this project I chose to test using functional techniques. As we're testing a rest service, the majority of components are stateless, therefore structural and model based testing was largely irrelevant. The components that were chosen to also have minimal discrete inputs, instead mostly fundamentally being Longitude and Latitude points, which are more continuous in nature and so combinatorial testing was also not used.

Functional testing was most appropriate because we were largely testing for qualities of the output, not specific output correctness - therefore the inner workings were less important than if we were testing other parts of the system.