Non-Functional Requirements

* Must have an uptime of 99%
* Must have the ability to edit location entries and coordinates.
* Must be scalable and allow for the addition of more buildings and/or rooms.
* Must have a response time for searches of 2 sec(s) or less.
* Must be able to handle concurrent queries of at least 100 users.
* Must track the user’s current location with a discrepancy of 5 feet or less.
* Must have accounts be secure with passwords of at least 8 characters
* Must have high usability, with an unfamiliar user taking at most 5 minutes to learn to operate the system.
* Must have a MBTF of 1 “failure” per 1000 searches.