**Must** have features:

* Identification and authentication of tag id
* Interface map
* Graphed map
* Fully functional and well-designed web app
* Measure of IoT node signal strength
* Room-to-room/location-to-room directions
* TTL for tracking entries into the database, so that the database knows when to remove them (e.g., someone goes off campus after a journey has ended)
* Triangulation mathematics
* A well-designed and efficient database
* Security of database and web app
* Conform to client and to standard working practices
* All product images, titles and descriptions must have the suitable copyright protections
* Databases must be in full working condition
* Must be maintainable and offer long life usability for the client

**Should** have features:

* Accessibility features e.g. increasable font
* Real life features listed on the map e.g. toilets
* Accessible UI

**Could** have features:

* Most popular spots
* Selection of campus
* Search function
* Journey history (stored locally)
* Room categorisation
* Instructions

**Won’t** have features:

* Log-in page/accounts
* School specific maps
* Help function

**Risks:**

1. A system test failure
2. Overrun costs
3. Wrong deliverables
4. Project over-runs
5. Loss of code
6. Client wants to adjust the scope
7. Incorrect dependencies
8. Design plans not to client request
9. No access to database servers
10. Copyright infringement
11. University don’t allow the testing of infrastructure