# Functional Specifications/Requirements

1. Must have a navigation method on every page to get to the homepage (index)
2. The navigation bar should provide functionality to access the four other pages; “Reducing footprint at home”, “reducing footprint in travel”, “quiz” and “contact us”
3. No text on the website should be smaller than 12px for accessibility. (Client requirement “Accessible”)
4. There should be CSS conditions for scaling at 1920x1080, 1440 & 4K.
5. There should be separate CSS conditions for mobile devices entirely.
6. Assets and content should not be hidden on any kind of device due to scaling.
7. The quiz should be accessible from more than one place on the website.
8. The quiz should save the previous 5 scores of the user as a cookie client-side.
9. The quiz should pertain a pool of at least 20 randomised questions, of which 5 are chosen at random.
10. The next time the user tries the quiz, questions that have just recently been asked should be made less likely to appear the following attempt.
11. The users score should go to a global scoreboard, server-side.
12. The user should be prompted to provide a username, and nothing more, to represent them on the scoreboard.
13. The user should have the option to save anonymously.
14. The website should employ the use of location data to provide the user an interesting fact gathered from the weather data of their current location. *“I.e., It’s 2°C where you are! The average heating bill in this weather is £10 a day and produces up to 30kg in CO2”*
15. The background design and graphics should reflect the time of the day the user is accessing the website at. With a night time background and a change in colour pallet to the website. (Client requirement “Interactive”)
16. No one paragraph of text should exceed 50 words. (Client requirement “Concise”)

Not all of these requirements need to be met or are expect to be met. These represent a draft to encourage further discussion and refinement.