**Introduction:**

The Django website has been developed diligently by our group. The purpose of the website is to inform the public about food waste, how it affects the environment, and mitigations for these problems. We produced a website that complied with the requirements with ease, delegating work to each team member equally. With new updates everyday, our team dynamic was strong and made sure that the development process ran well. In this report we will discuss the website's quality, our development process, and team dynamics. We have also included a few changes we could have made and a few issues we could improve on, which will definitely be taken into account in our final assessment.

**Quality of the Django Website:**

The website's success as a whole astounded us. The website complies with all requirements and is fully operational. The ability to inform the public about a specific waste issue is the website's primary feature. To make the website visually captivating, we mostly concentrated on the back-end while building a simple front-end. Everyone agreed that the website went out nicely, but if we had additional time, we could have added the following features:

* Details page: As we utilised the same image on every page, we might have modified the data image on the details page to reflect that specific waste topic. The information is the only thing that has changed.

**Effectiveness of the Development Process:**

To discuss the process of how we will develop the website, we made sure that we held daily meetings on the Monday and Wednesday as specified in the group contract. Everyone understood what needed to be done, and throughout the discussion certain misconceptions were clarified to put everyone on the right track. However, there were a few problems:

* Problems: On occasion, we were unsure about how to implement a specific function, which left us perplexed. Instead of asking one another to check over the codes for us, it made us spend hours mindlessly coding and searching for a solution that could aid us. Having the courage and assurance to ask questions immediately and openly will enable us to quickly solve problems, whether they are technical or non-technical. The productivity and efficiency of finishing our group project will then be increased as a result.

**Team dynamics:**

Our teamwork and communication are positive. We avoided conflict and shared knowledge by pointing each other in the proper direction. We all provided input to one another on areas where we could have done better. We had a nice balance of abilities and experience since everyone had a challenging skill set, and we took advantage of it by applying our strengths to a particular area of the project. This definitely aided us in tackling various project components. But there are certain aspects where we could have improved:

* Communication: There was a situation where one of our group members used database and models.py and the other group members only realised this problem at the very last minute. This caused unneeded stress that may have been averted if it had been identified sooner. To avoid this from occurring, we need to strengthen our communication in updating our responsibilities to the group because this is such a crucial issue. We must explain in great detail what we did for the projects. This will therefore keep everyone informed about our accomplishments and mistakes.

**The Group Contract:**

We mentally and physically documented the conditions of the contract and used them to guide our process, team dynamics, and the Django website. No one ever received a strike for missing a meeting because they all showed up as required by our group contract. As our roles that we have outlined in the contract were essential to developing the website, we preserved our duties exactly as they were outlined in the contract when working on the Django project. To clarify, since there were inconsistent roles and responsibilities with the tasks/deadlines in our group contract, now we have equally divided our tasks specifically in Python. Therefore, we all in this group have balance and fair explicit Django coding responsibilities and do not concentrate these into the hands of a few. The following evidence can be seen on the GitHub commits in our group repository.

**Conclusion:**

Even though we are all happy with the website's quality, we have identified issues with our Django website, the development process, and team dynamics. By identifying these problems, we were able to better understand how we could have performed and collaborated. Hence, assignment 4 might resolve some of these problems.