1. Problem encountered

3.1 website size

3.2 visualization of data

The data visualization is one of the user requirements, but it was abandoned in the end. When building the prototype, the visualization page was considered to provide user with some types of visualization for the dataset, such as the bar charts, raw tabular data, or scatter graph. However, when we actually trying to start this page, we met a big problem that how to decide which types of the visualization are suitable for the datasets. This project allowed user to analyze different kinds of datasets, and different kinds of datasets may need different visualization tool. If we try to decide the tool with the feature of the dataset, it may cause we can finish the project on it. After we discuss our difficulty with our customer, he told us the data visualization is an optional function, so we decided to give it up.

* 1. classify the datasets

In the beginning, we considered to classify the datasets by their source project. However, after discussing with our customer, we realize it was not the best idea for our project. In our project, we only need to analyze different kinds of datasets, which means source project and its description will not benefit for our analyzation but increase useless operation for user. So, we decide to classify the datasets only by uploader. If user does not log in the system, it will see public datasets and able to upload datasets to public datasets. After the user log in, it will only see the datasets it uploaded, and upload datasets to its account datasets.

1. References