Risks, Assumptions, Dependencies and Constraints

**Risks**

As this piece of software is entirely a data gathering program there is no risk of harm to any user. That being said there are risks of generating erroneous or misleading data. Hopefully through good database design and careful query setup these risks can be mitigated.

The main risk faced is incorrectly implementing the algorithm. Clearly successful completion of the project hinges on this being correct. The likelihood of this happening is fairly low as the paper provided (*reference to paper*) clearly outline the algorithm and testing should be fairly straightforward. That being said the impact of this risk is obviously very high and so due care must be taken.

The second risk of generating misleading data stems from the usage and design of the search/query page of the website. This needs to be carefully designed with input from the client to make sure it is simple and easy to extract the sort of data they want. It should also export it in a way that is easy for them to analyse in an error free way. If the clients properly involved in the planning of this step the risk should be reduced. Also as the data is going to be used by people trained and experienced in data handling and analysis the impact of this is not particularly high.

**Assumptions**