DESIGN DOCUMENT

Team: code\_is\_coming

* Based on the input and the constraints given, we implemented a search engine.
* Initially, the most searched /trending keyword is displayed except for the first search.
* The search Engine accepts a ‘keyword’ as input. The keyword is then stored in a file.

This file helps us to generate the most trending searches.

* Item description names are the keywords and not the values.
* The output generated is the specifications (item value) of product containing that keyword.
* The user is then asked to choose an index value based on specification required.
* The similar product specifications are traversed using DFS (Depth first search).
* The user is then given a choice whether they want the product name, product domain, search for a particular specification or display all specification.
* This is repeated for all products with the chosen specification.
* The program is implemented using files and structures.