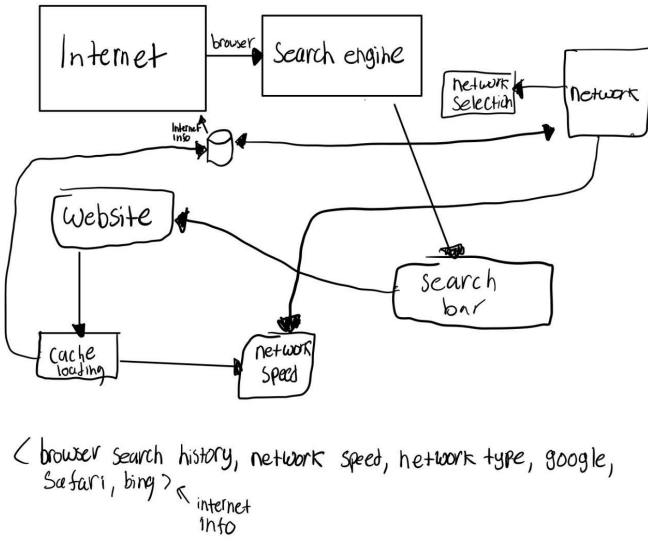
1. **Software Architecture Diagram:**



2. **Data Management Strategy:** My data management strategy consisted of NoSQL, as this data management strategy is made for scalability and availability which is exactly what a software like the Internet needs. NoSQL can also handle big data storage as well as big changes in data volumes. I chose 8 databases. They cover the most important data volumes of the internet, for example in most cases the internet is directly connected to the search engine (when searching) or when accessing a particular website, etc. The way I structured the database concepts in my head was particularly through finding ways to link them together. I don't see any alternatives for the database technology (NoSQL) as with how massive the internet is and the ever changing volumes of data that will continue to be flowed into data sets, SQL can't fit. However, another way to organize the database is linearly or in a sequential fashion, where the internet may be broken down into columns each column representing its own section: i.e website takes cache loading, network speed, then search engine takes search bar, website, cache loading, network speed, etc.