**Product Vision**

**Vision Statement:**

To utilize data from OpenFDA to inform both consumers and medical professionals of cases of interest based on specific drugs being used and problems being experienced on potentially experienced

**Potential Customers:**

* Consumers – Non-professional users that take multiple medications and are experiencing, or are concerned about experiencing, problems due to interactions of medications
* Medical Professionals – Medical professionals who are prescribing or administering medication to patients that are on multiple medications and want to identify potential areas to watch for problems

**Constraints:**

* The system shall use data from OpenFDA
* The system may include data from other sources

**Risks:**

* Warnings should be posted to consult a physician
* Warnings should be posted that is searching cases/events that have happened and not providing medical advice
* Is it more accurate when searching for drugs to search cases/events where only those drugs were used or they some of the drugs used?

**Customer Needs:**

* Ability to identify potential problems caused by complex drug interactions
  + Ability to identify drugs they are taking
  + Ability to see information showing potential problems
  + Ability to see how likely problems are to occur in their situation
  + Ability to see how serious problems could be

**Features to addressing needs:**

* Ability to enter drugs currently being taken and to be taken
* Ability to find adverse events from people having taken the same mix of drugs
* Ability to filter adverse events by specific symptom (optionally) to further refine search
* Ability to visually identify most frequent and least frequent event reports
* Ability to visually identify seriousness of symptoms
* Ability to view details of report data such as other medications being taken and another symptoms