

# Feedback on Architecture

In this document I have only added stuff where I believed something was missing.

## Capabilities of PNL:

1. Semantic Search (understands and categories each search query).
  1. Understand User Natural Language (like Facebook Graph Search)
  2. Natural Language Processing
  3. Combine Search Term with User Friends, Places, Likes etc.
  4. Categorize Search Term in various categories.
  5. Predict User Search Query based on Big Data as we keep on increasing user base
2. We should be able to store every data searched by user in a way that we can use it to create our own Big data which can later help us to improve our search results.

## Stage 1: Data Crawling Workflow

We need to understand the layout of major websites we need to search. There is a specific portion of the webpage that contains the information user needs, the rest is useless. So we need to focus on crawling data present at that part.

## Stage 1 (B): NLP

We would work on categorization of data in todays meeting.

**Preparing Results and Design:** It looks great as of now. We would work in detail in these topics in the coming weeks.