The Technology

Searching:

- Apache Lucene
  o Why?
    ▪ It's one of the most popular open source search tech available

Web Frameworks:

- Django
  o Why?
    ▪ It's easy to get projects up and running using Django
    ▪ Coded completely in python, which is the language that we are most familiar with
    ▪ Easily scalable, just in case this project is deployed out into the real world
    ▪ Django has great documentation and community
- Bootstrap
  o Why?
    ▪ Easy to get started with
    ▪ Well documented
    ▪ Provides built in components/widgets/etc

Database:

- MySQL
  o Why?
    ▪ Easy to work with
    ▪ Feature rich
    ▪ Faster reads/writes than postgres
    ▪ Recommended for webpages

Data Parsing:

- Apache Tika
  - Why?
    - Can handle various file formats while Lucene can only directly deal with text