

Outline

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1 Overview

2 Tools

3 Techniques

4 Video

Overview

Objective

Make people more engaged with books and help analyze book reviews more easily.

Key Features:

- Review System
- Searching
- Review Sentiment Analysis

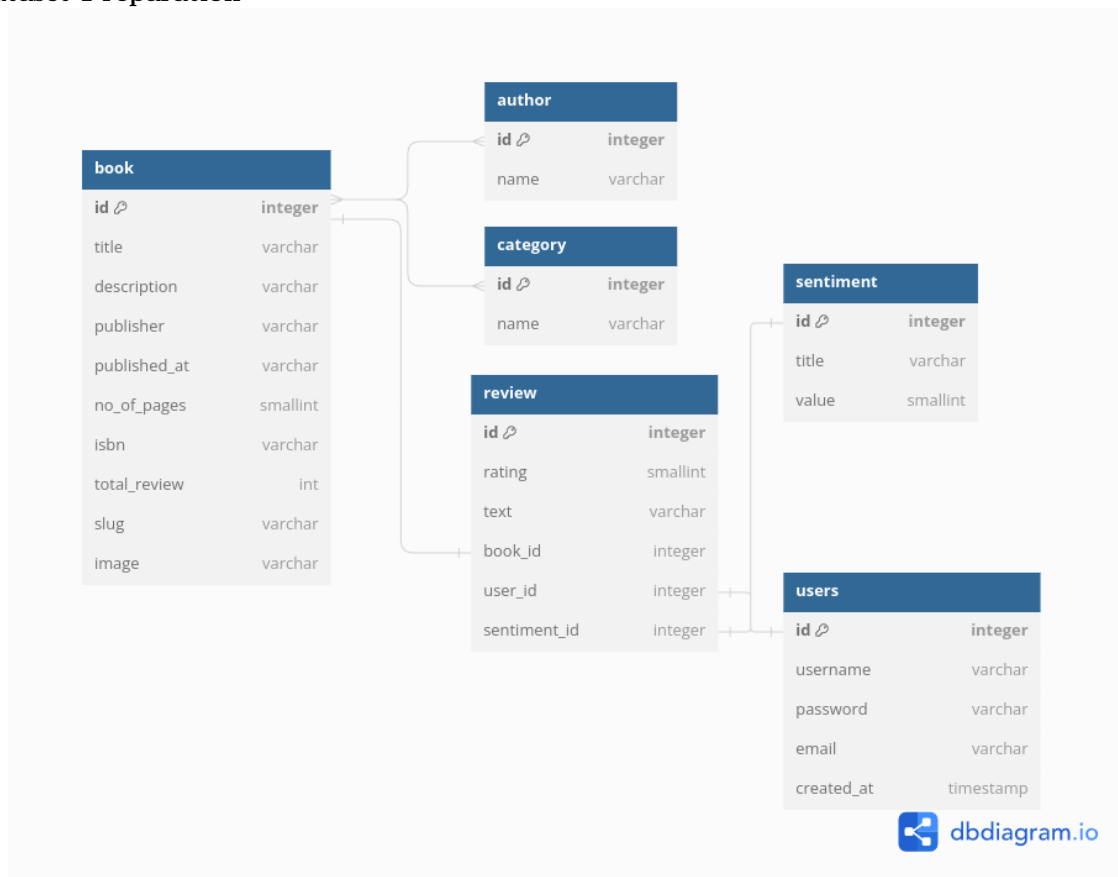
Tools

1. Backend Framework: Django
2. Frontend CSS Framework: Bootstrap
3. Database: Sqlite
4. Version Control: Git & Github

Techniques

- Dataset Preparation
- Book Search Implementation
- Sentiment Analysis

Dataset Preparation



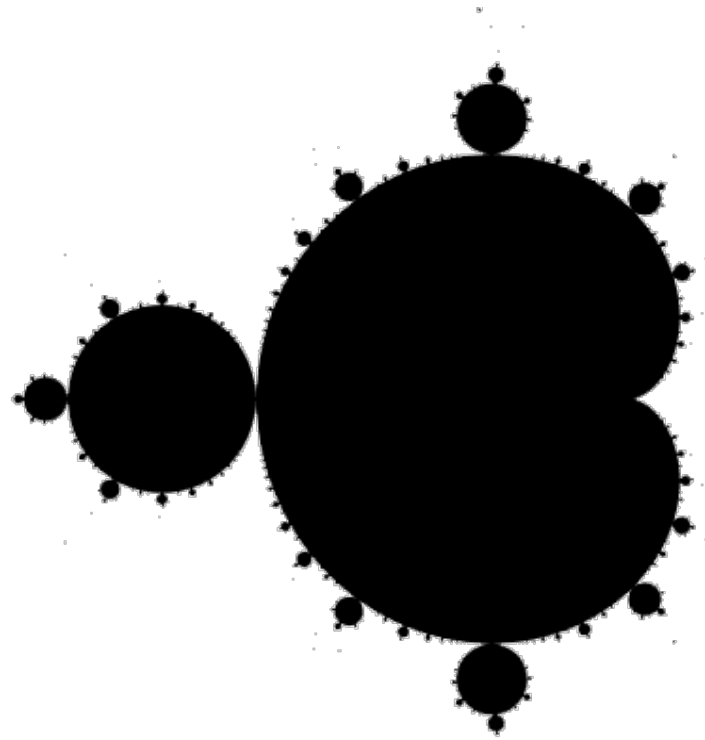
Sentiment Analysis

Common Libraries

NLTK, TextBlob, spaCy, RoBERTa

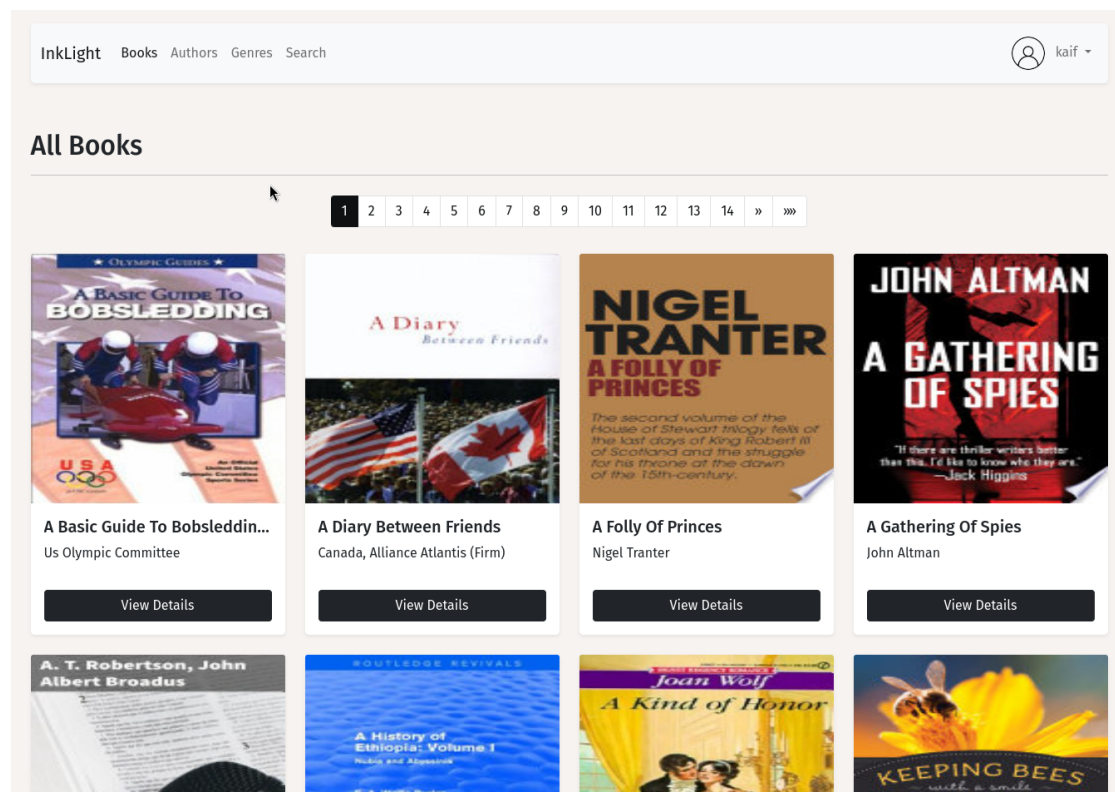
My choice

TextBlob



TextBlob

Video



Future Works

- Recommender System Implementation
- More Accurate Sentiment Analysis
- Bangla Natural Language Processing

Conclusion

Project Codebase: <https://github.com/ahmed-kaif/inklight>

QNA

