



## Introduction – Why PapersFeed?

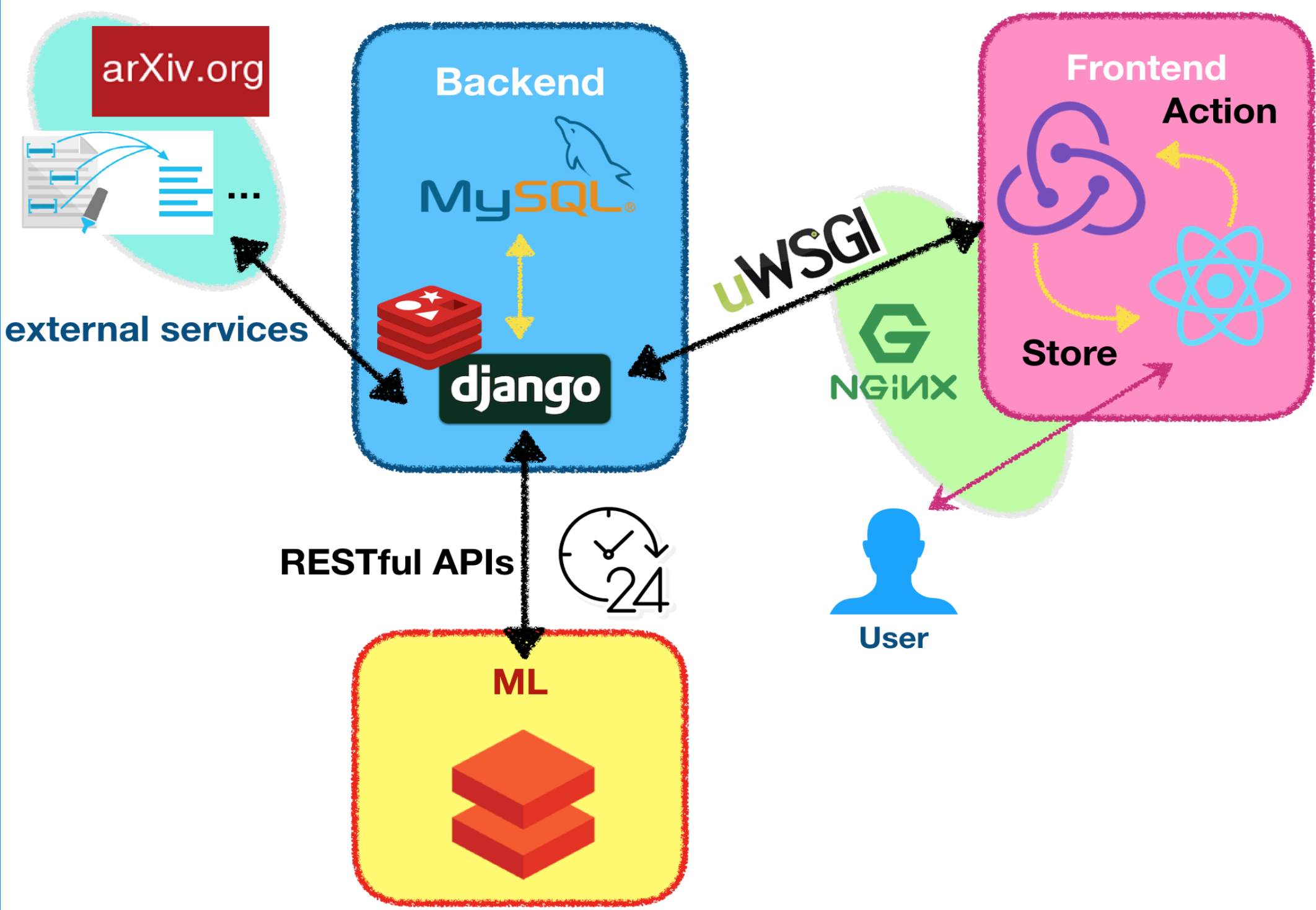
There are many students and researchers who want to read papers. However, there is no obvious way to manage their studies and share their thoughts with others about papers they read. **PapersFeed** is a solution for this problem. **PapersFeed** would help people to organize their own collections of papers, share them with others and shows the feeds consisting of friends' reviews, collections, and recommended papers.

**If you are the one who needs to read papers, PapersFeed is at your service.**

## Features

- Explore: Search Paper, Search Collections, Search Users
- Organize: Create a collection, Add a paper to collections, Manage a Collection, History of what you have liked.
- Socialize: Follow other users. Share your Collections. Write reviews on papers. Leave replies on reviews.
- Feedbacks: Get subscription feeds and notifications

## System architecture



## Search

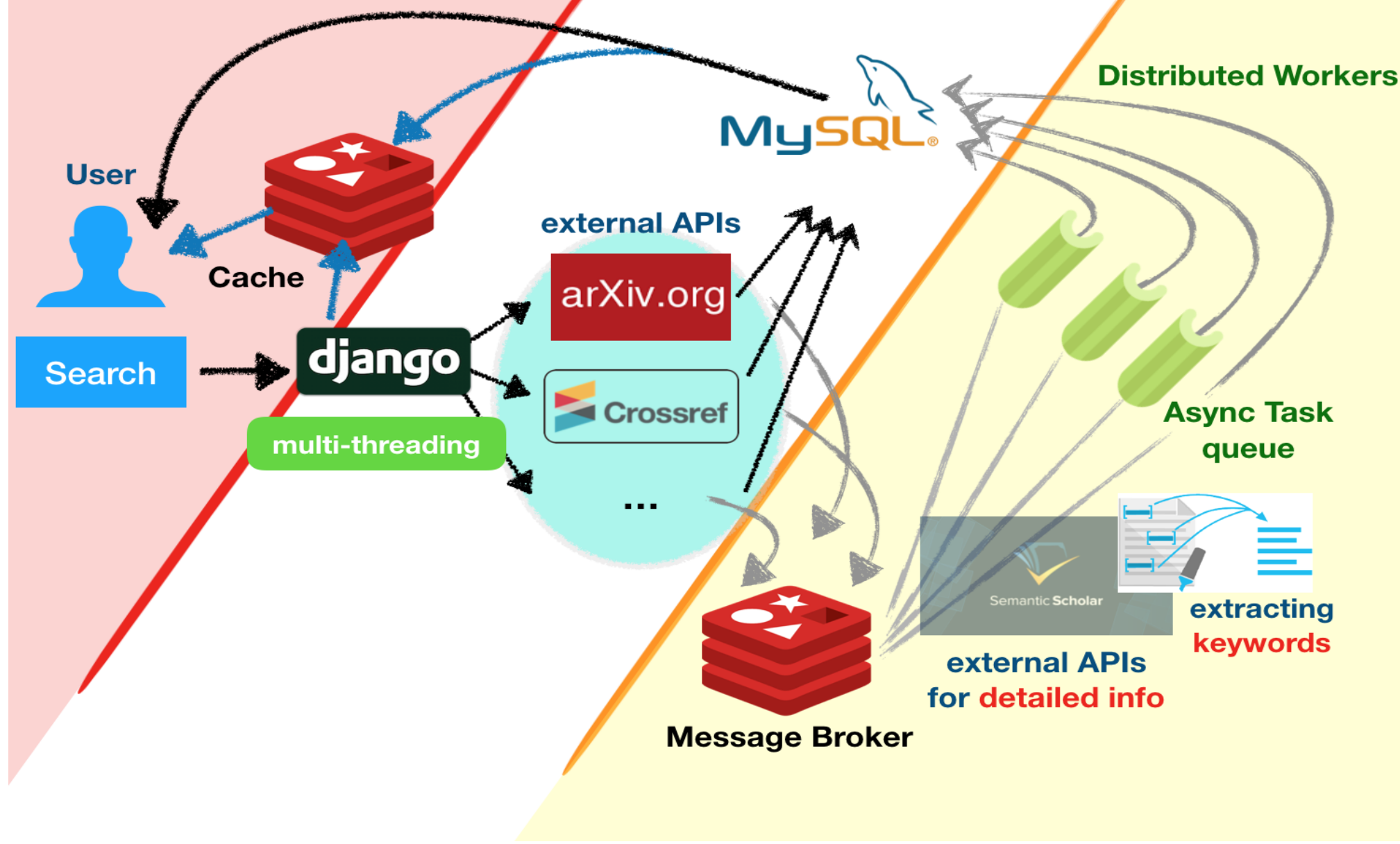
### Challenges:

- Gather papers from external sources, which take a time
  - Need multiple external APIs for papers in various fields
  - Some APIs don't have enough information, which needs succeeding APIs
  - Extract keywords from obtained abstracts
  - Order results considering relevance
- => Users need fast and accurate results!**

### Caching

Users get responses faster

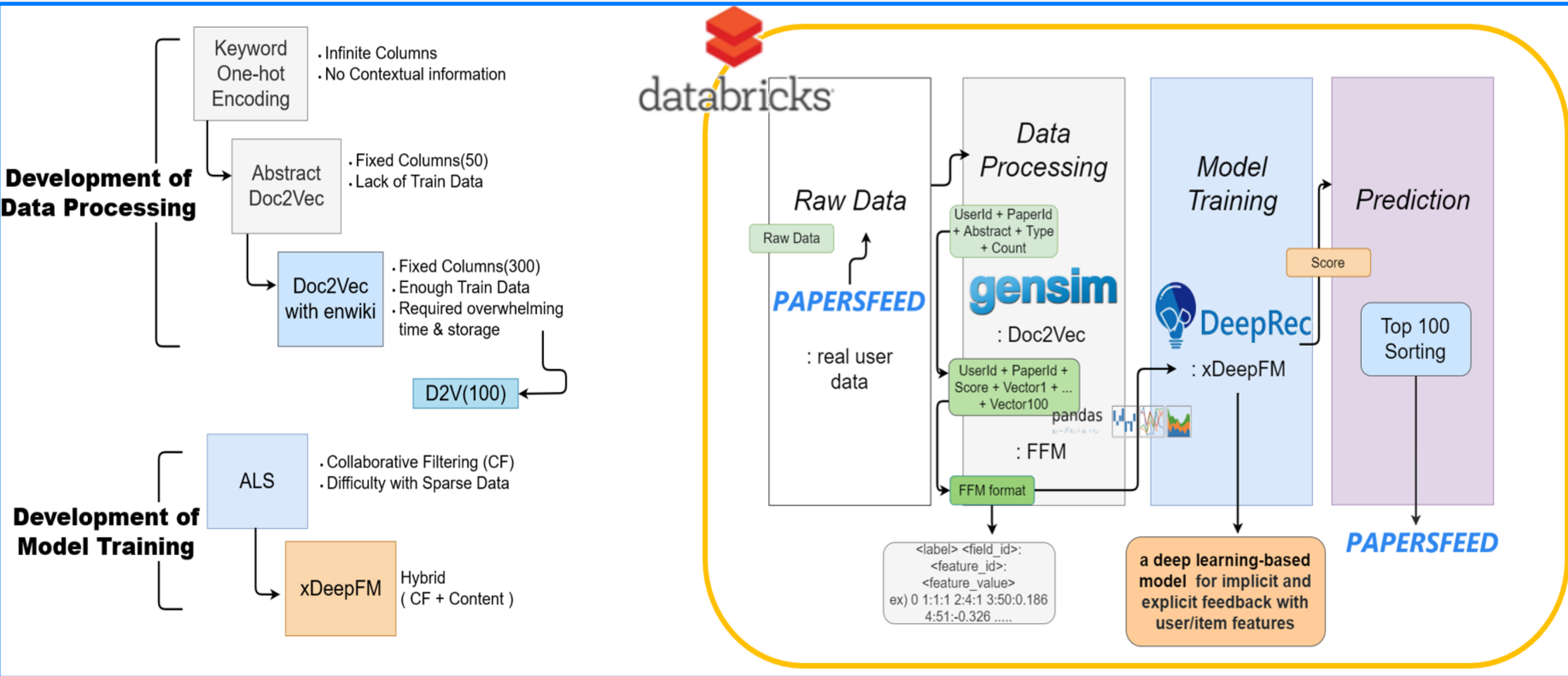
Users get responses without waiting all processes



## Our Development Rules

- **Never Commit to Master**
- Only PRs with **All Passed Checks & at least One Approval** can be Merged (Every commit to master should be **safe & sound**)
- Maintain test coverage **more than 90%**
- If you want something Changed, **Open Issues First**
- **Don't** work on **too many things** at one time
- **Share Challenges** and **Prioritize Backlogs** in every Meeting

## Recommendation



## Feedbacks

**We got some feedbacks during mid-presentation & user level test session and reflected them!**

- Paper recommendation that reflects users' reviews
- Private collection
- Write reviews as anonymous
- Cold start problem -> recommend keywords to newcomers
- Tutorial / user guideline
- Changing profile photo
- Improve UI Readability
- Mobile compatibility