Khair Jalees

Virtual Reading Clubbing Application

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Background

Reading is one of the most important habits to obtain and develop for a person .. But ?

Motivation

01. Loneliness

Not having someone to read with

02. Lack Of Motivation

Nothing makes you read to the end.

03. What To Read ?

Not finding a good book.

Proposed Solutions ?

Reading Groups

To Find People To Read With.

Recommender System

To Recommend Books To Read.

Gamified Journey

To Make It Fun & Motivating

How Is It Different ?

	BookClubz	OOBC	Glose	Khair Jalees
Simple & Effective UI	✓	✗	✓	✓
Recommendation System	✗	✓	✗	✓
Gamification	✗	✗	✓	✓
In-App Reading	✗	✓	✓	✓
Track Reading Progress	✗	✗	✗	✓

Creation Timeline

2021 - 2

Database Design & User Interface

2021 - 4

Back-End Implementation

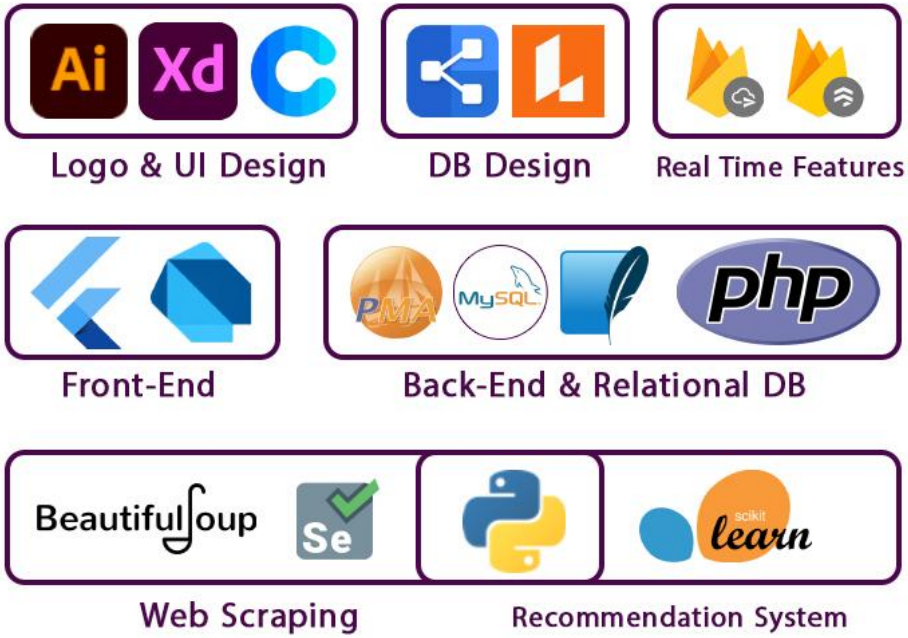
2021 - 3

Features Design & Front End Implementation

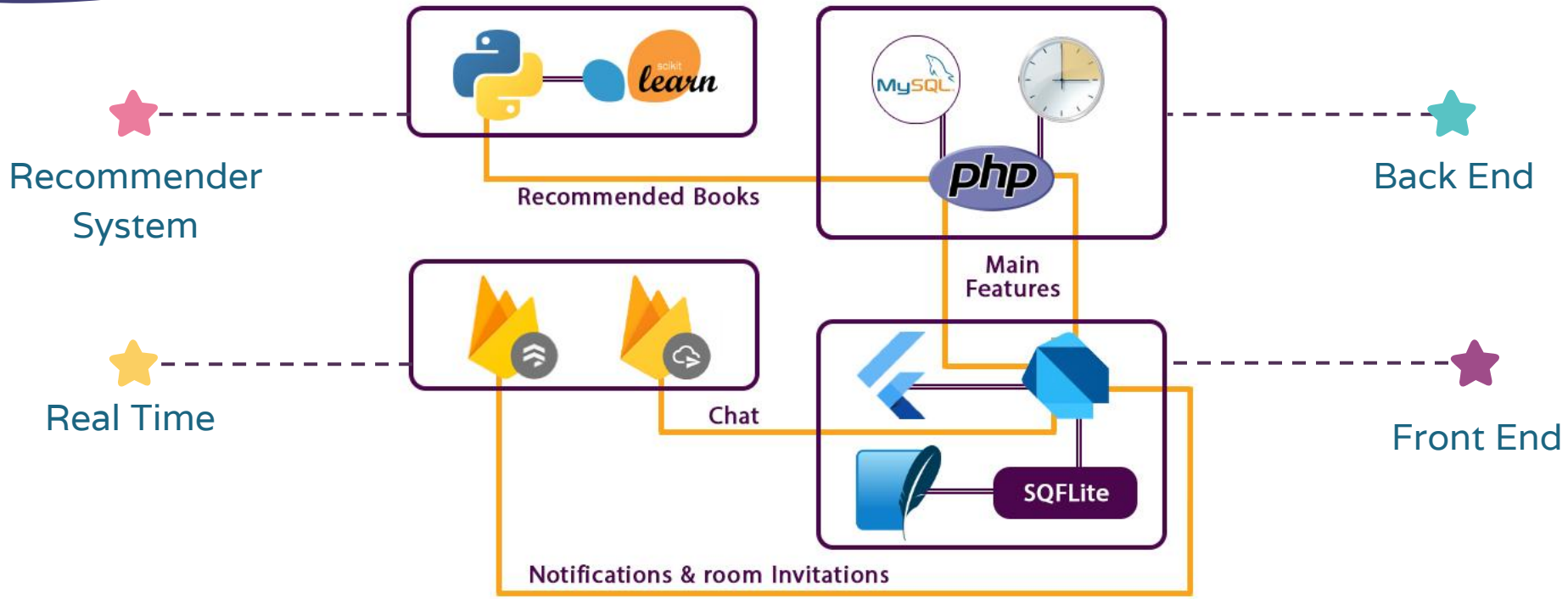
2021 - 5

Full Application Is Done

Technologies Used



App Architecture



Constraints

Lack Of Suitable Arabic Books Data
Solved By **Web Scraping**

Algolia Is Not Available To Use
Solve By **Database Indexes & Joins**

Time Limit. Solved By **Hard Work & Features Omitting.**

Lack Of iOS Tools.
Solved By **mac OS Virtual Machine**

Future Work

Collaborative Filtering Recommendation System
Needs A lot of Research & Data

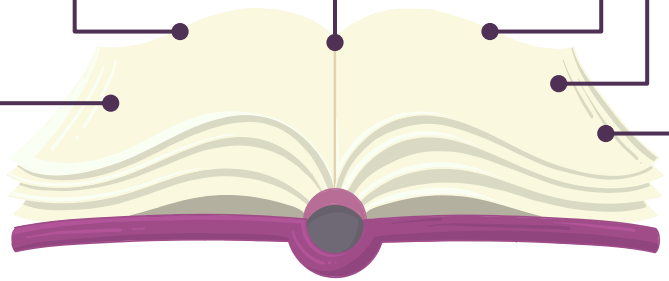
Improve Gamification
Needs Trial & Testing

User Preferences
Time Was The Bound

Timeline Wall
Needs Time

Color Blindness Themes
Needs A lot Of Research

Web Application
Needs Time



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