SP-32: EVENT TRACKER

DESIGN DOCUMENTS
CS 4850 – SECTION 01 – FALL 2023
09/24/2023
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A user will launch the application and will be prompted to either login or register to use the app. Whatever the choice is going to be, the login module of the app is managed by **Firebase** authentication to make sure all credentials are valid. After that stage, we have the events main page where we will have the possibility to view all the events and filter them based on specific criteria. Event registration, filtering and search will be made through API calls that are themselves interacting with the databases. After registration, a user can personalize notifications for the events, and this will be managed by **Firebase** notifications.

All the events will be either created manually from an app or will be got from a feed and then stored into a database. The KSU Events will be scraped from the owllife feeds and then written to the database.
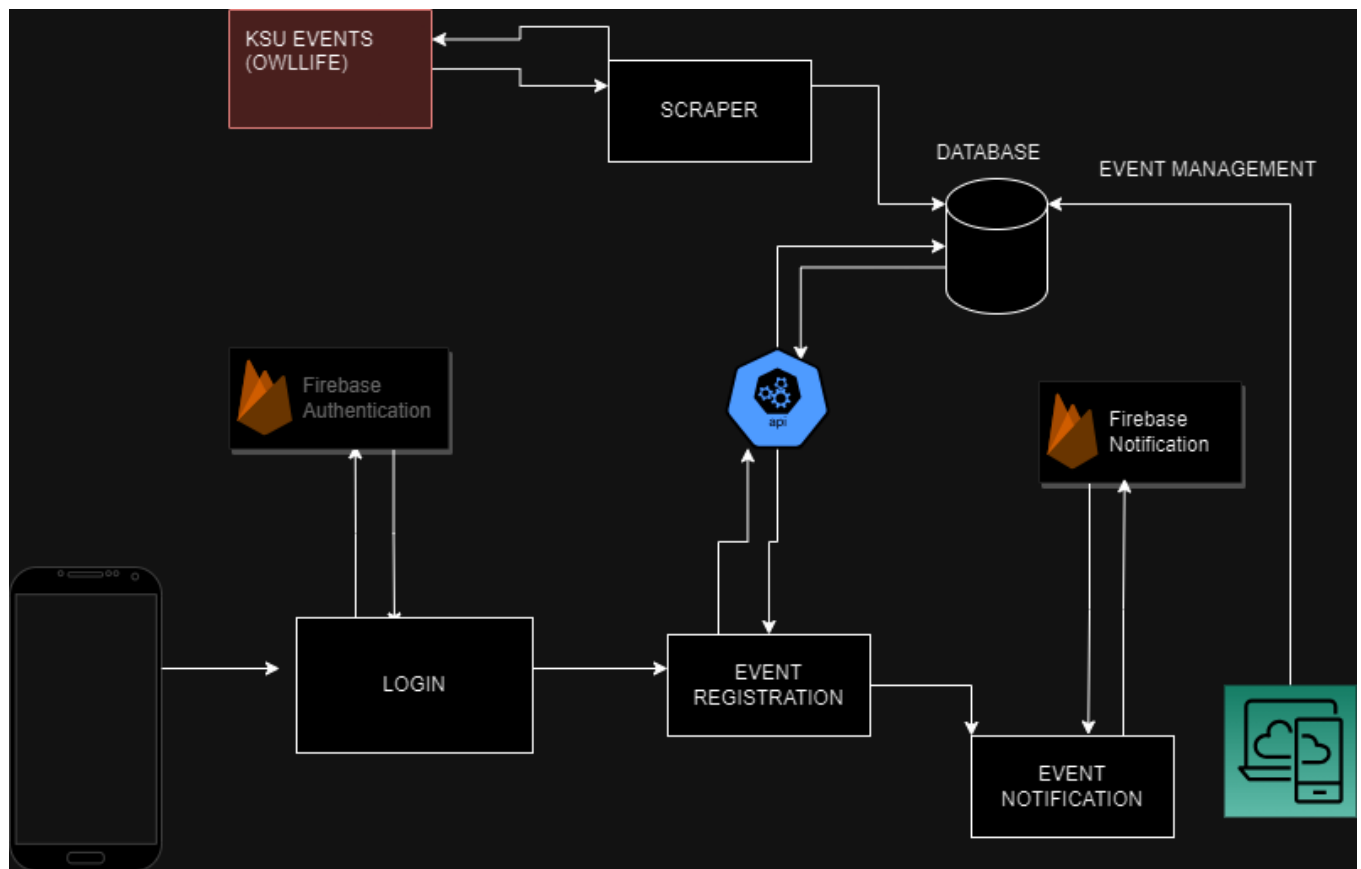
ARCHITECTURE DIAGRAM

KSU TRACKER

Sign in

abc@email.com

Your password

Remember Me   Forgot Password?

SIGN IN →

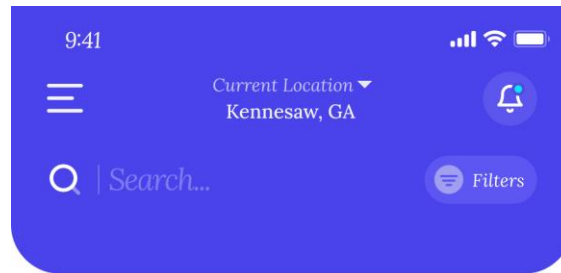LOGIN PAGE

Sign up

Full name

abc@email.com

Your password

Confirm password

SIGN UP →

REGISTER PAGE

Current Location ▼
Kennesaw, GA

Q | *Search...*   Filters

Upcoming Events   See All ▶

10
JUNE

International Band Mu...

+20 Going

📍 *JMW Student Center*

10
JUNE

Jo Malone

+20

📍 *Kennesaw*

Invite your friends
Get $20 for ticket

INVITE

Nearby You   See All ▶

Explore   Events   Map   Profile

MAIN PAGE
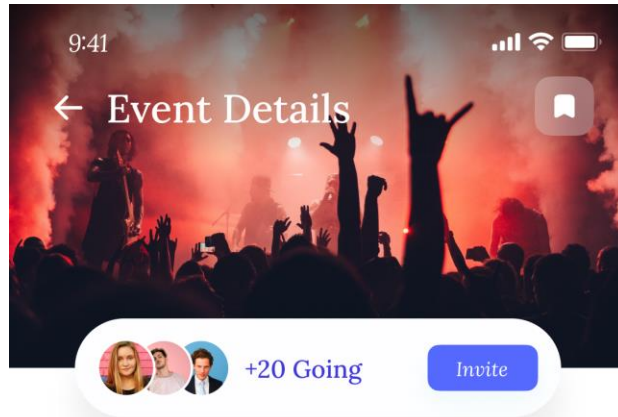
DETAIL PAGE

← **Search**

Q | *Search...*   [Filters]

1ST MAY- SAT -2:00 PM
A Virtual Evening of Songs Delight

1ST MAY- SAT -2:00 PM
Mother's Day

1ST MAY- SAT -2:00 PM
Women's leadership conference

1ST MAY- SAT -2:00 PM
National Day of Self-Care and Preservation

1ST MAY- SAT -2:00 PM
International Jazz and Blues Festival

SEARCH AND FILTER PAGE