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GitHub Username: HimanshuLakra

MyFest

Description

MyFest helps you discover fest events happening in colleges , stay updated with events timings and location. You can share events with your friends on social media. MyFest keeps you updated with fest timing by providing add to Calendar feature.

Intended User

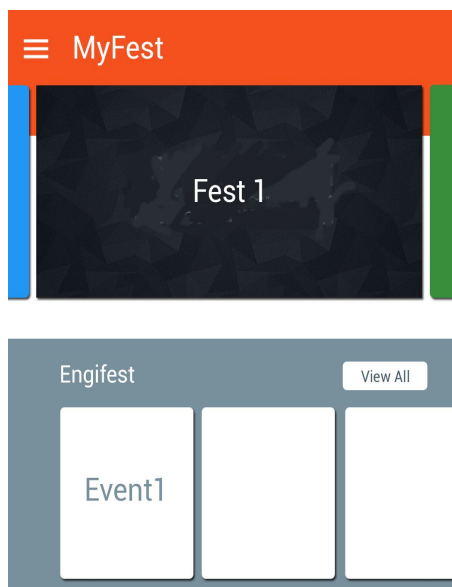
Our user base contains anyone who is interested to attend college fest events. I am targeting school, college students and passouts.

Features

- Event details of all fests(including TechFest)
- Add events to your calendar
- Share them with your friends.
- Make a list of your favourite events.

User Interface Mocks

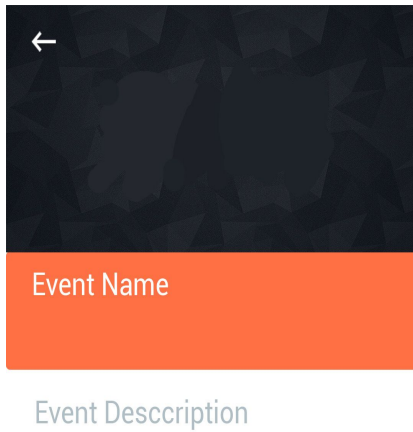
Screen 1



Home screen :

- View Pager contains poster of Fests.
- For each fest show some events .

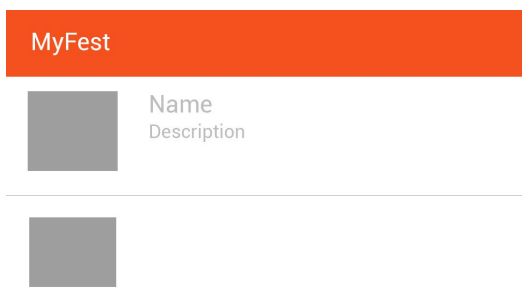
Screen 2



Event Detail screen

- Contains detail about event like location timings etc.
- In toolbar have option to add to favourite.

WIDGET



Widget

- Have events with their name and description

Key Considerations

How will your app handle data persistence?

I will build a Content Provider for storing data locally using SQLite.

Describe any corner cases in the UX.

- View All button navigate user to a screen containing all event for that particular fest.
- Favourite button on home screen toolbar navigate user to favourite events screen and on backpress user will be redirected to home screen.
- Shared element transition for event detail page.

Describe any libraries you'll be using and share your reasoning for including them.

Glide : handle the loading and caching of images.

Palette : Color combination for event layout (Design purpose).

Firebase : storing database.

Describe how you will implement Google Play Services.

Google Ads : show user ads for monetization.

Firebase Analytics : to analyse user activity on application.

Next Steps: Required Tasks

Task 1: Project Setup

Setup project , add library dependency needed . Configuration needed for libraries.

Task 2: Implement UI for Each Activity and Fragment

- Build UI for Home Screen
- Build UI for Event details screen.
- Build UI for Favourite screen.

Task 3: Connect app with database

Connect app with Firebase Database. Handle corner cases when there is no data etc.

- Add Firebase database.
- Use Glide and Palette Api.
- Handle all test cases.

Task 4: Add event to Calendar

- Provide functionality to add event to calendar .

Task 5: Favourite events,share event

- Favourite event functionality
- Share event with friend

Task 6: Add a widget for application

- Make a widget for MyFest application.

Task 7: Implement SyncAdapter

- Implement syncAdapter to sync data.