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NIRF(National Institutional Ranking Framework)

Description

The National Institutional Ranking Framework (NIRF) this framework outlines a methodology to rank institutions across the country.
Problem:-
Institutes need to go to websites and see the results. I have summarised and can see data in one screen
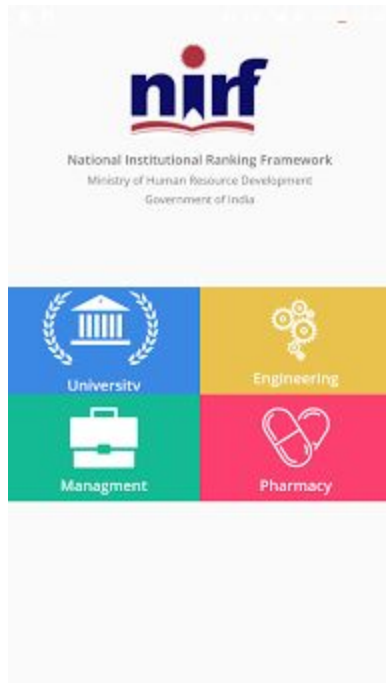
Intended User

College Authority

Features

List the main features of your app. For example:
● All College rankwise list

- Individual college performance and rank analysis
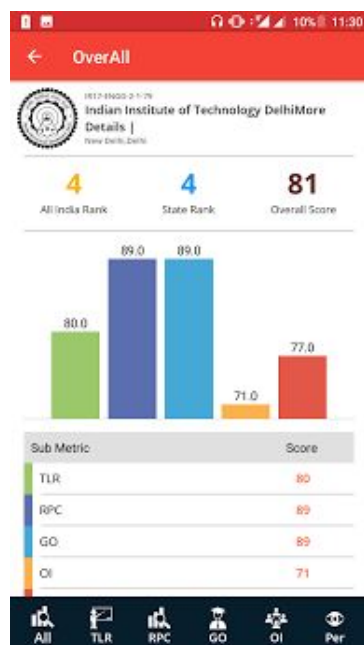- Sorting by rankwise and score wise

User Interface Mocks

Screen 1

Screen that displays in four stream where colleges categarised

Screen 2

List of college with ranks and scores

Screen 3

Individual college details

Key Considerations

How will your app handle data persistence?

Will use content provider to store data locally. Since data is not updated frequently, intentService is good enough.

Describe any edge or corner cases in the UX.

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

This project use following libraries in the project:
● Picasso image caching and loading
 ● Android Design material design (layout, toolbar, etc)
● Google Play Service:
    ○ Firebase login
    ○ Firebase analytics

Describe how you will implement Google Play Services or other external services.

Describe which Services you will use and how.

Next Steps: Required Tasks

Task 1: Project Setup Major steps to setup the project:
    ● Update Android Studio to latest stable version
    ● Update SDK
    ● Configure libraries
    ● Setup API server
    ● Setup Gradle dependencies

Task 2: Implement UI for Each Activity and Fragment Subtasks for the project:
    ● Setup basic UI structure, Bottom Bar
    ● Build top part of each activity/fragment (AppBar)
    ● Build each separate activity/fragment and navigation/transition to and from those activities/fragments

- Build UI elements

Task 3: Implement Data Models and Content Provider
- Build up the data models implement data persistence.
- Create data model classes
- SQLite database setup and CRUD
- Loader/adapters and UI

Task 4: Google Play Services Subtasks:
- Setup initial Firebase
- Implement of firebase analytics

Task 5: Build paid/free flavors Subtasks:
- "Break up" activities/fragments for each flavor
- Gradle dependency

Task 6: Others Subtasks:
- Widget
- Accessibility
- RTL