Headlines

Description

Headlines provides latest news headlines from leading newspaper from all around the world. Get news on business, entertainment, gaming, general, music, politics, sciences-and-nature, sport, technology.

If you want a sneak peek of top headlines or latest news this app will give you all that.

Intended User
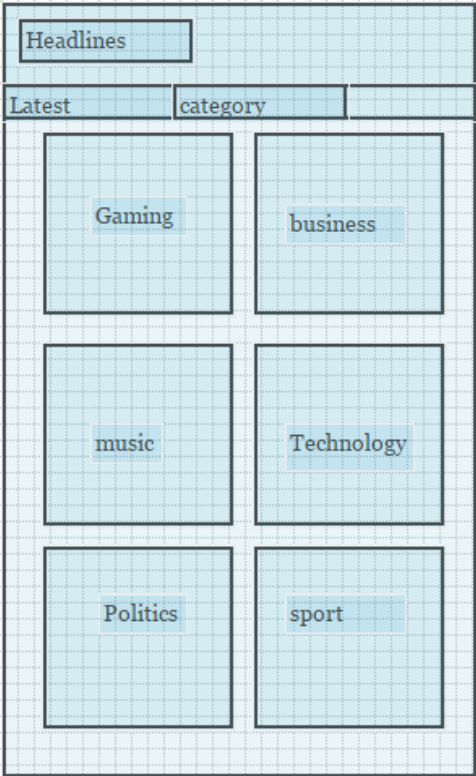
This app is for everyone.

Features

- List of latest news
- See the news by categories like technology, gaming, music etc.
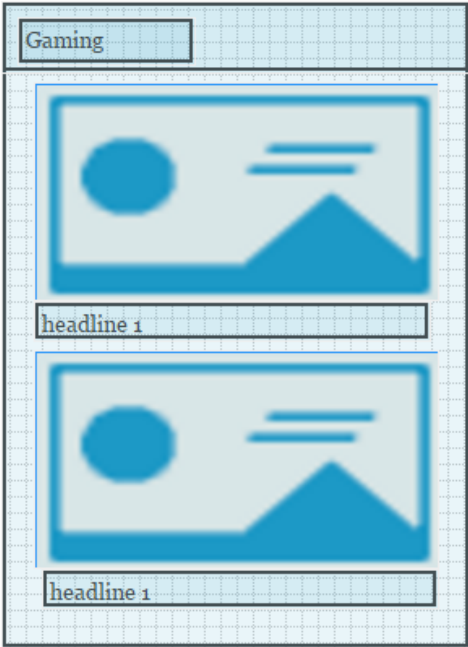
User Interface Mocks

Headline

Latest	Category	

headline 1

headline 1

After clicking on the headline it take you to next activity with the news on webview.

category mock

Headlines

Latest   category

Gaming   business

music   Technology

Politics   sport

on click new activity

Gaming

headline 1

headline 1

Key Considerations

Latest news will be stored in sqlite data base and I will build a Content provider for that.

Third-party lib:

Glide: to handle loading and caching of images.

Retrofit: A type safe HTTP client for android and java

ButterKnife : Field and Method binding for android views.

Storio : to store data on sqlite data base.

Google Play Services:

1 Analytics: - to analysis the behavior.

2 Admob :- to show ad in the app.

Required Tasks

Project setup:

- Create a new project in android studio.
- Add dependency's for all the third party lib.
- Create a data model for storing data in sql data base.

Task 2: implement UI for each activity and fragment

Sub task for main activity:-

Integrating View Pager to show TabLayout

Build latest news fragment

> Recycler view with card view

> Adapter for recycler view

Build category fragment

> Grid layout for category

Task 3 webview

    Webview to show the full news.

Task 4 sqlite data base and content provider

    Using storio create data base and contain provider for storing.

Task 5 Retrofit

    Load data from news api

    Store into sqlite data base.

Task 6 Google Play services

    Add admob for ad in app

    Add analytics to the app