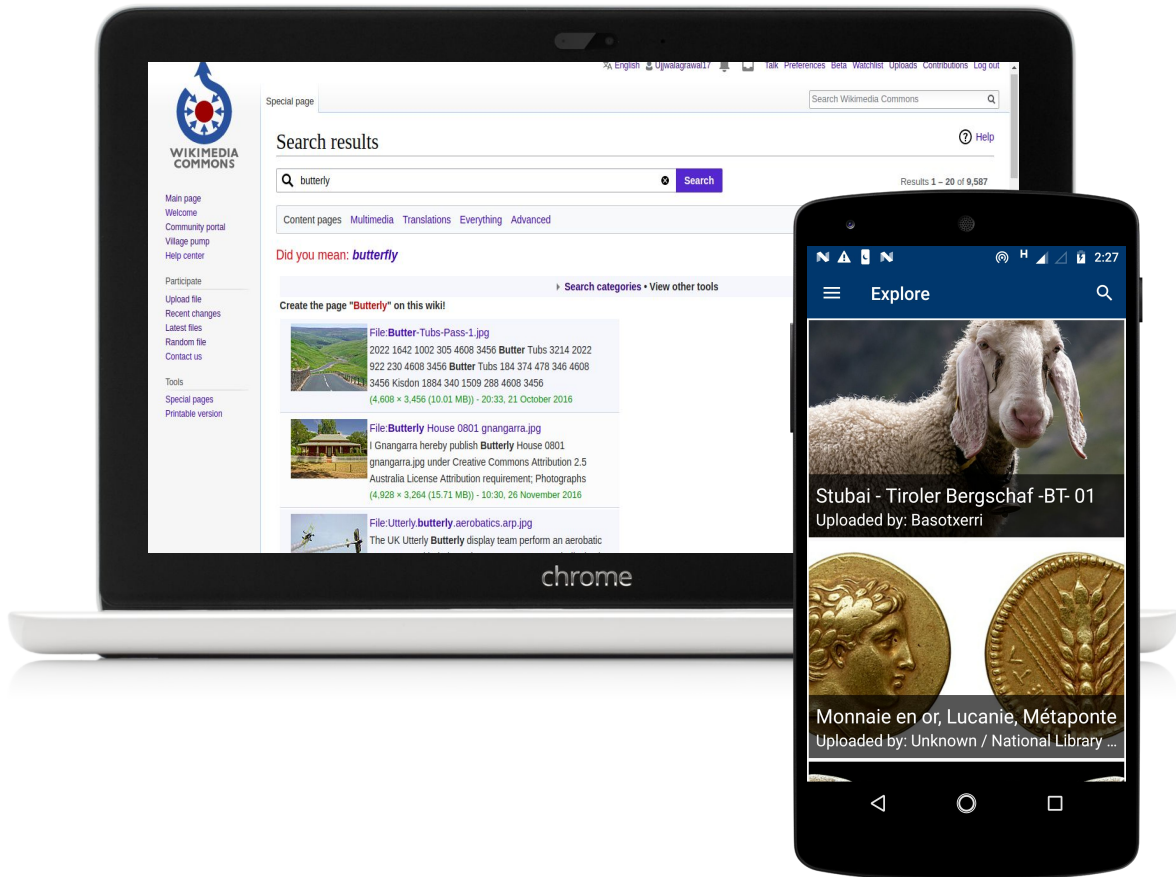# Wikimedia Commons App

Allows users to browse commons repository

from Commons Android app

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Introduction

— — —

Wikimedia Commons App
is an Android Client for
Commons API Server
which allows users to
upload free usable
images from app.

About the Project

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The goal of this project was to enhance the already working Wikimedia Commons App by implementing an option to browse/search the Wikimedia Commons Repository. We want to provide a streamlined and consistent user experience across the website and the app.
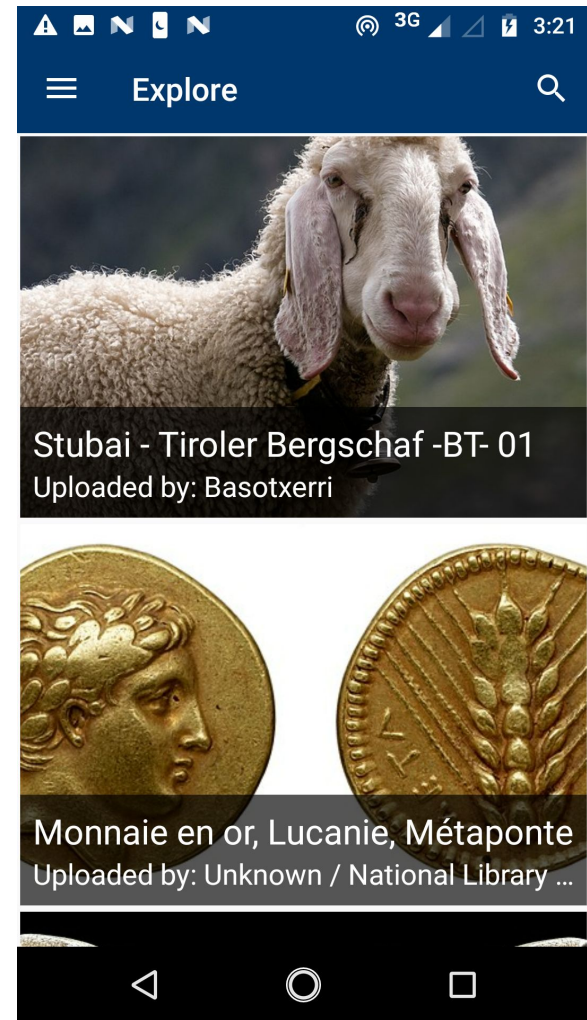
Features

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The Explore feature in app was created from scratch this GSoC and contains robust and well tested set of features including:

- Search
  - Image Search using text
  - Category Search using text
  - Recent Searches (with delete history feature)
- Category Details Page
  - Images inside that category
  - sub-categories inside that category
  - parent-categories of that category
- Allow users to skip login and browse commons from the app
- Improvements in Selecting Categories while uploading
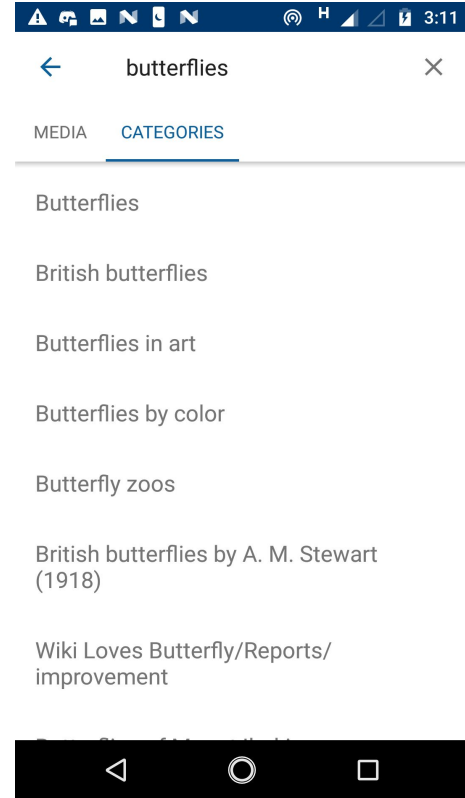
Features

Explore

It shows a list of featured Images of Commons in the app and a search icon which redirects to Search Page.
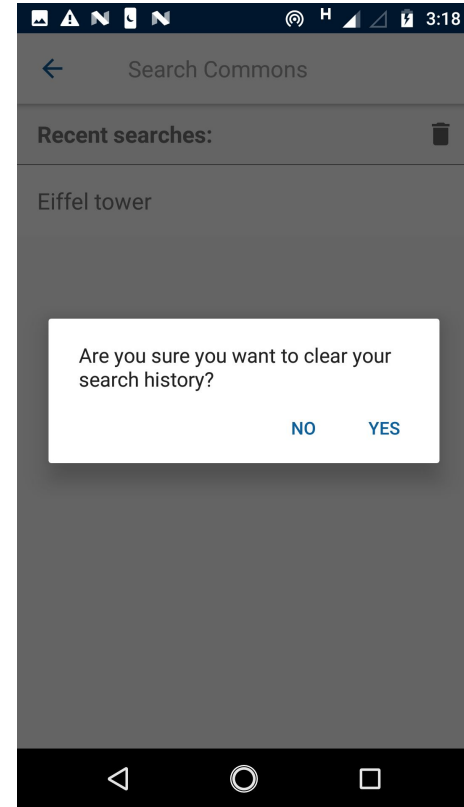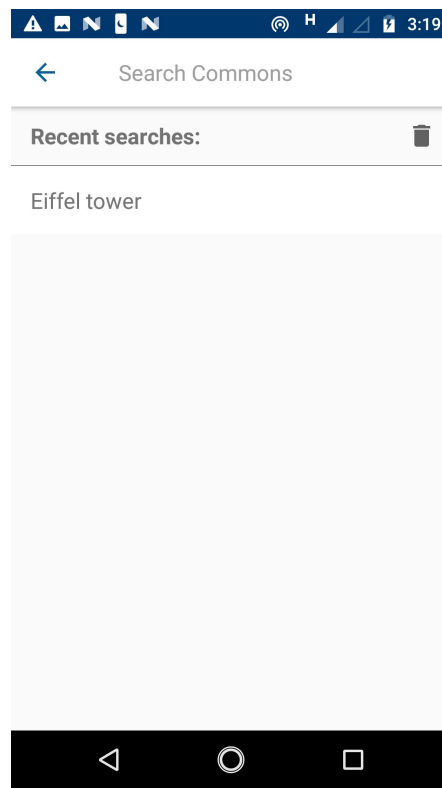
Search

App allows users to search Images,
Categories. The results are shown in a
paginated manner to make a good User
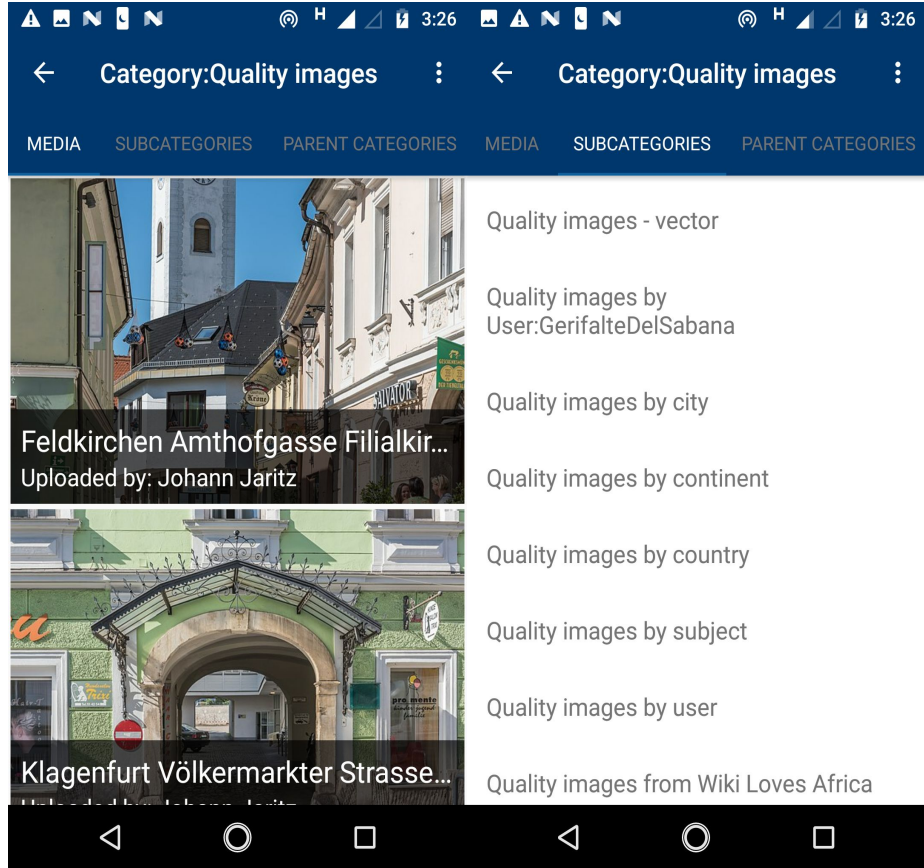Experience.

Search History

Search History stores the recently searched queries used to search Images, Categories. Also there is an option to clear recent searches.
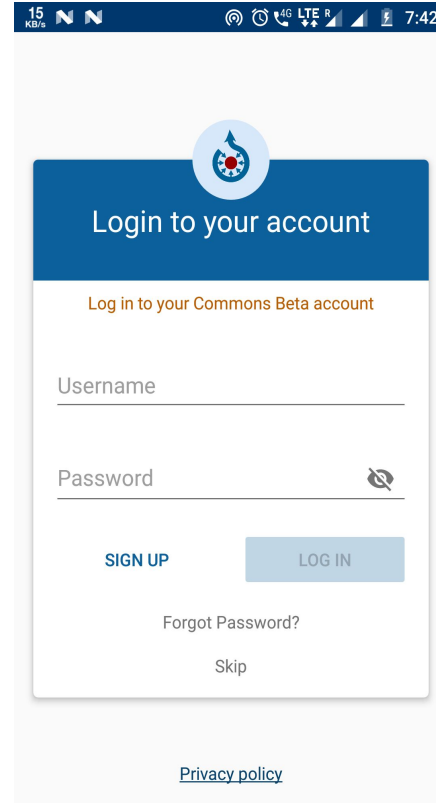
Category Details

The category details page is designed to have 3 tabs.

- Tab 1 for showing images inside the category
- Tab 2 for showing sub-category list
- Tab 3 for showing parent-category list (reusing subcategory list)

Skip Login

For users who don't have an account we added an option to skip login which redirects to Explore page

Login to your account

Log in to your Commons Beta account

Username

Password

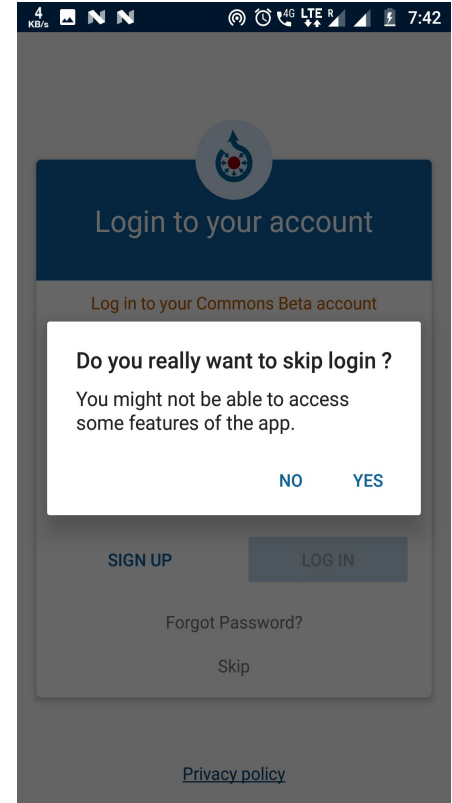SIGN UP   LOG IN

Forgot Password?

Skip

Privacy policy

Login to your account

Log in to your Commons Beta account

Do you really want to skip login ?

You might not be able to access some features of the app.

NO   YES

SIGN UP   LOG IN

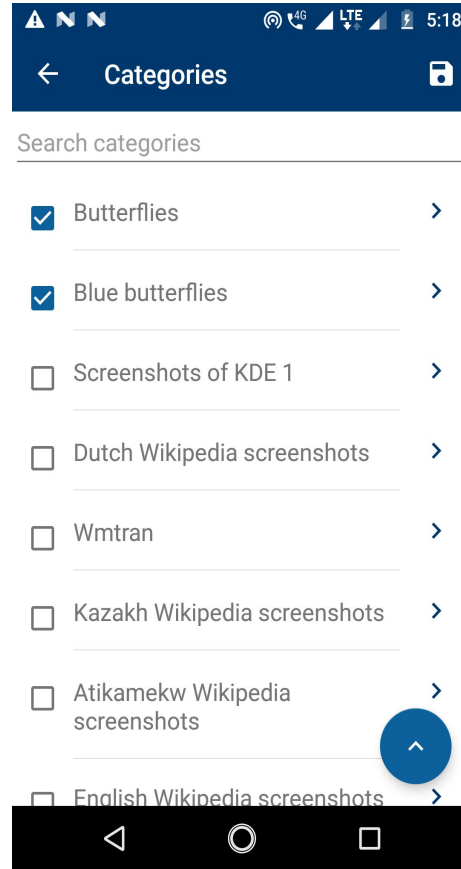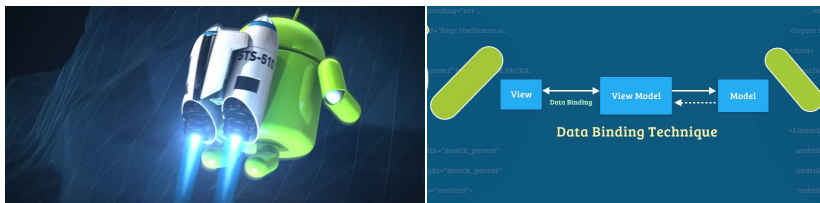Forgot Password?

Skip

Privacy policy

Categorization

During the time of uploading images users need to add categories to the image they upload. Improved the design of categorization page and allow users to see images, subcategories, parent categories inside a category.

Code Achievements

High Performance

Use of RxJava for asynchronous code execution while calling MediaWiki APIs makes it highly performant even for large results

Unit Tests

Unit tests for explore features are written in Kotlin. It helps in doing TDD (Test Driven Development).

Thank You