

MirajOverFlowApp

Title

An android app for developers to search for user queries using a variety of input methods.



Description

We have designed this app from the ground up to give the best way to answer user queries, compact the results in card-view to get rich user-friendly experience. For reducing typing load on users, we created separate channels for voice and image to get the query to be searched. Finally we reduced number of API calls by making use of caches.

List of Features

→ Search Question :-

- ◆ Image Scan
 - Real time image scan to extract text.
- ◆ Voice Search
 - Extracted Text from powerful neural network models.
- ◆ Search Box
 - String query by User

→ Sort functionality:-

- ◆ Activity
 - Based on the activity of users on that question.
- ◆ Creation Date
 - Based on the creation date of the questions.
- ◆ Votes
 - Based on number of upvotes given by users.
- ◆ Relevance
 - Based on the score of the questions.

→ Displaying Results:-

- ◆ Varying Colors
 - Different colors used for answered and unanswered questions.
- ◆ User Information
 - Details of the user who asked question.
- ◆ Views Count
 - Number of views of different users for that question.

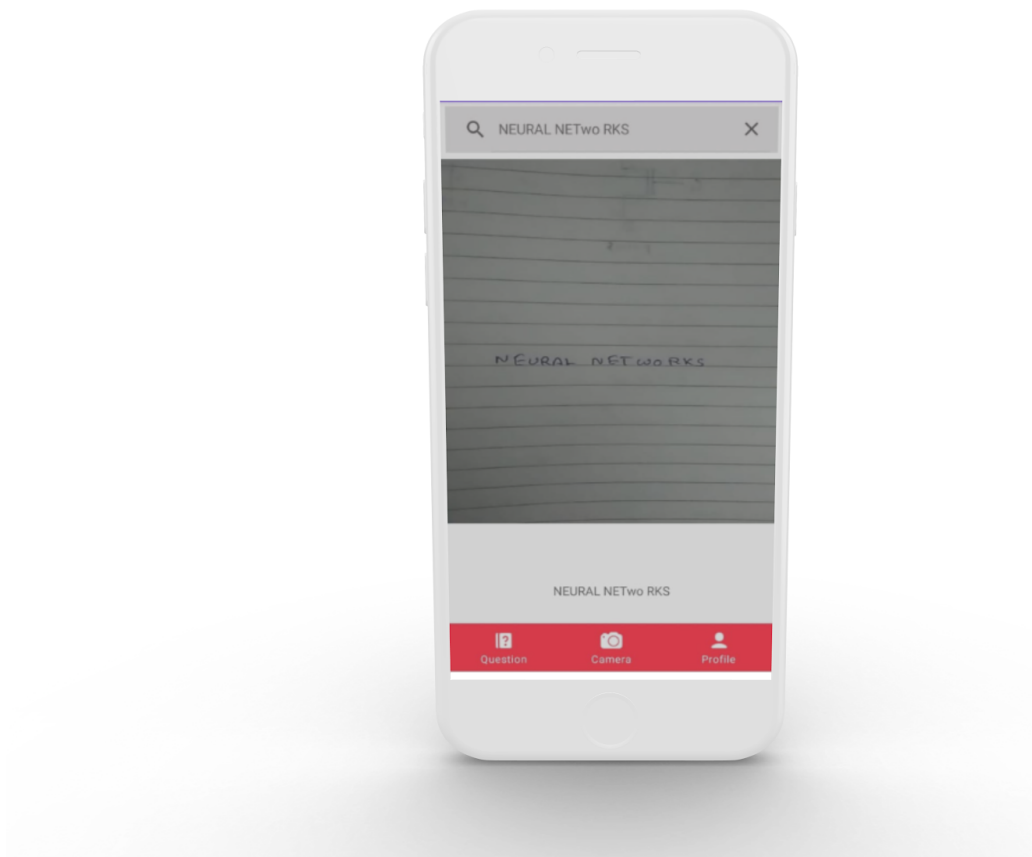
→ Optimizing Results:-

- ◆ Few API Calls
 - Calls for sorting the data with different strategies.
- ◆ Caching
 - Caching the most recent data searched by user into memory.

Dependencies

- ❖ Stack OverFlow API 's

- ❖ Voice To Text Google API
- ❖ Image To Text API



Reference:- Stackexchange API

Team:-

- Sonu Saurav
- Mandeep Bawa
- Aman