

[Description](#)

[Intended User](#)

[Features](#)

[User Interface Mocks](#)

[Main Activity with no question in “General” Category](#)

[Main Activity with “All Lists” selected to show all Question in all the categories](#)

[Add New Category to Personal Question Bank App](#)

[Add New question to “HR Interview” Category](#)

[View/Edit question from “HR Interview” Category](#)

[Key Considerations](#)

[How will your app handle data persistence?](#)

[Describe any corner cases in the UX.](#)

[Describe any libraries you’ll be using and share your reasoning for including them.](#)

[Next Steps: Required Tasks](#)

[Task 1: Project Setup](#)

[Task 2: Implement UI for Each Activity and Fragment](#)

[Task 3: Build Backend](#)

[Task 4: Implement Features](#)

GitHub Username: nshukla75

PQB (Personal Question Bank)

Description

Lots of information is easily available through internet but it is very scattered all over the internet. Personal Question bank is the app to collect information which is relevant to user, categorized as per user’s choice and in question answer form. The idea of the app came from my difficulty of keeping list of questions asked in previous interviews. With help of this app I can keep all the previously asked and new interview questions in organized way and access them whenever I need them.

Intended User

This is an app useful for students, job seekers, professionals, thinkers and anybody who ever had question in their mind but either forgot the question or got lost in finding the right answers.

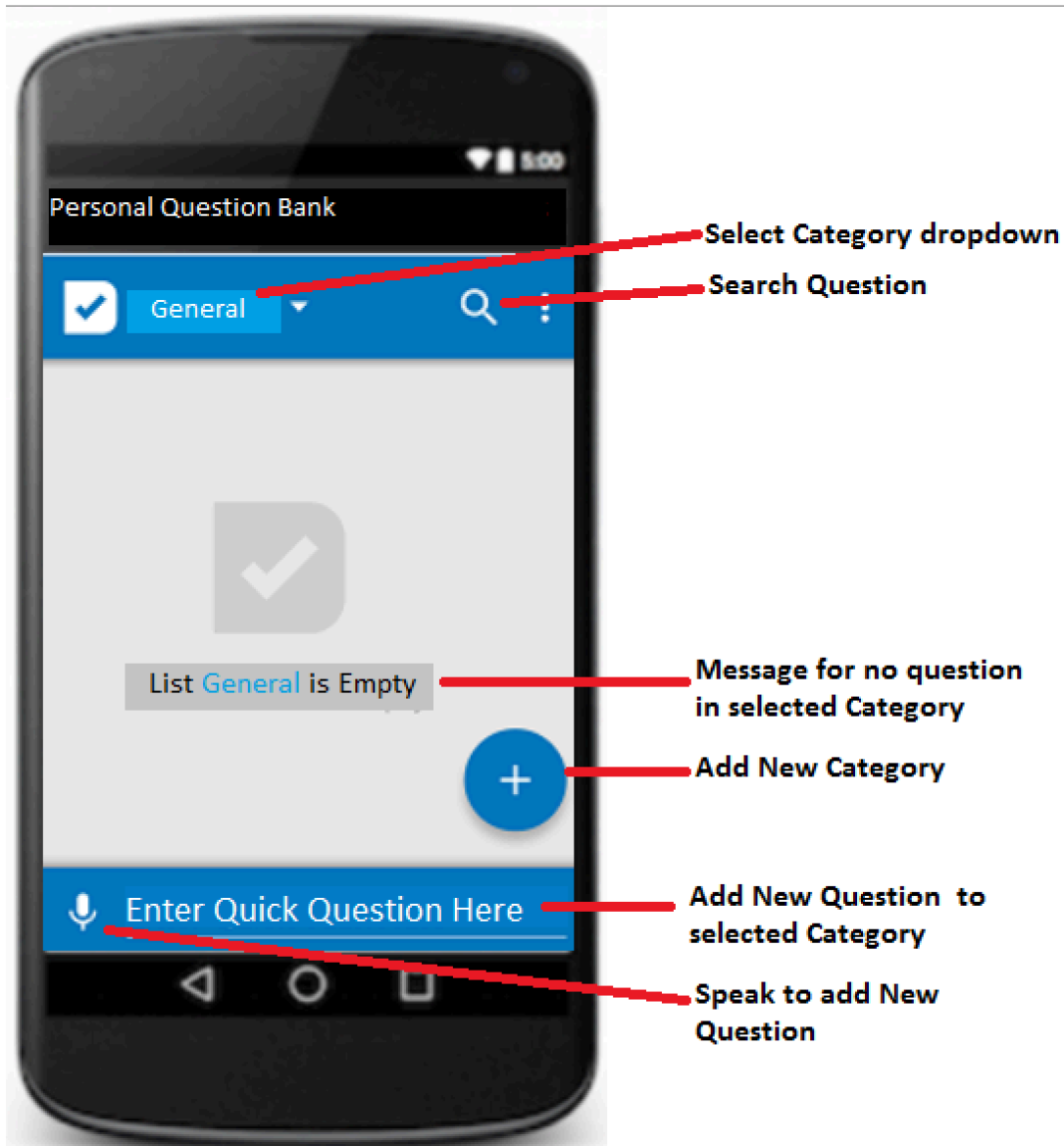
Features

- Main features of the app to save information of user’s every question and answer in their organized way.
- User can create category and also can create the question and answer in the selected category.

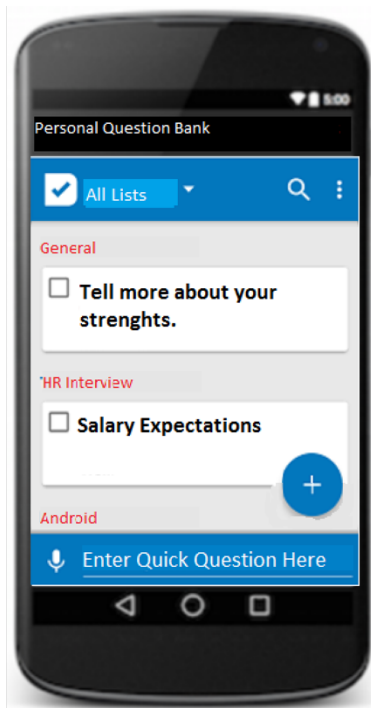
- User can upload one image each with question and answer.
- User can update the question and answer match new finding/understanding.
- User can delete the whole category if it has no question and answer.
- User can delete individual question and answer from selected category.

User Interface Mocks

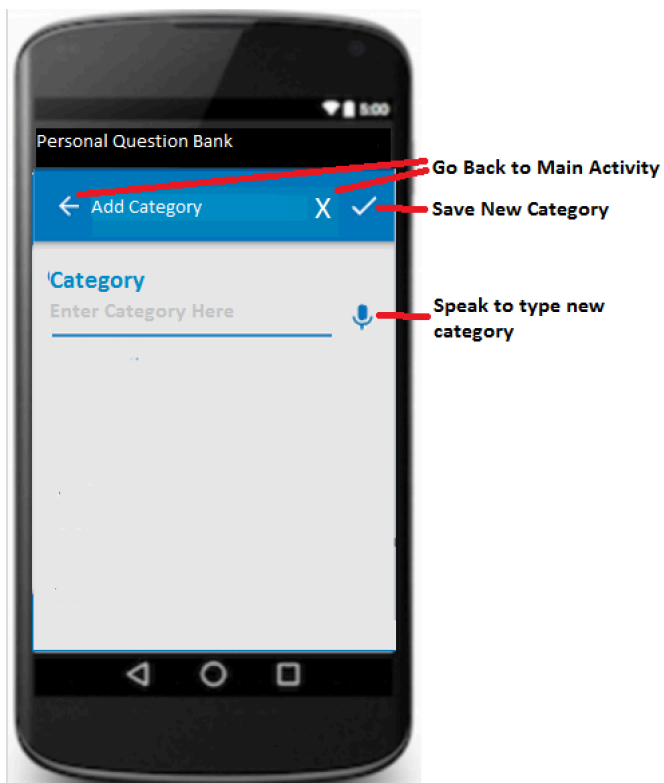
1. Main Activity with no question in “General” Category



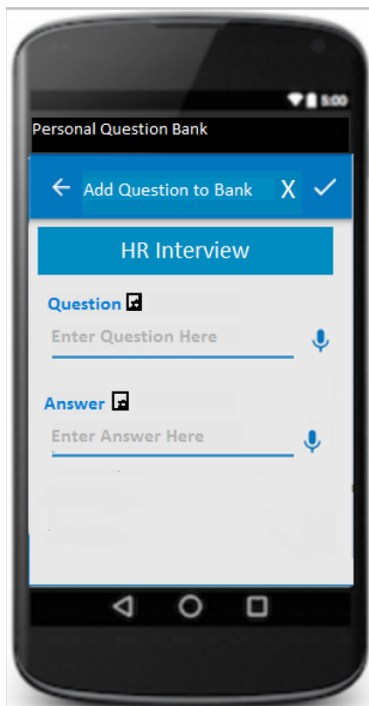
2. Main Activity with “All Lists” selected to show all Question in all the categories.



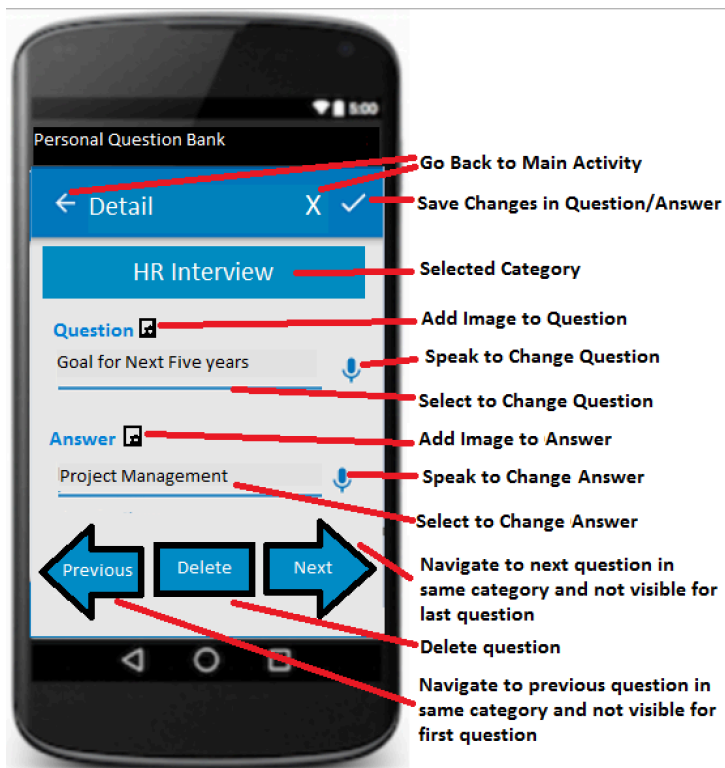
3. Add New Category to Personal Question Bank App



4. Add New question to “HR Interview” Category



5. View/Edit question from “HR Interview” Category



Key Considerations

How will your app handle data persistence?

I will build a Content Provider to hold the information about categories and the question and answers in a category.

Describe any corner cases in the UX.

App comes with “General” category as default.

Main Activity top menu of the app has Question Category dropdown. “All Lists” is selected by default.

When user select the category from dropdown the Main Activity shows list of questions of the selected category. If there are no questions added in the selected category, Main Activity display “List ‘name of the selected category’ is Empty”.

Main Activity has  to add new category and “Enter quick question here” to add question to category.

When user selects a question from list, app navigate to Detail Activity.

Question’s Detail Activity has top menu which has cross sign (to close the detail panel and go back to the list of questions of selected category) and correct sign (to save the changes made to selected question/answer).

Selected question/answer can be edited by clicking on question/answer.

Question’s Detail Activity has “Previous” (show details of previous question in the list of selected category),” Delete” (to delete question and answer from selected category and “Next” ((show details of next question in the list of selected category) buttons.

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

Using Glide to handle the loading and caching of images.

Next Steps: Required Tasks

The main features of your app (declared above) and tangible technical tasks to finish app.

Task 1: Project Setup

- Create project and make files for each activity.
- Establish activity flow in manifest.xml.


Task 2: Implement UI for Each Activity and Fragment

- Build UI for Main Activity to select and add category/question.
- Build UI for Question Detail Activity.

Task 3: Build backend

- Build Content Provider
- Build Database Contract
- Attach to UI elements

Task 4: Implement Features

- Implement add category functionality on  on Main Activity.
- Implement Search for Question functionality on Main Activity.
- Implement “Enter quick question here” functionality on Main Activity.
- Implement “Previous”, “Delete” and “Next” button functionality on Question Detail Activity.
- Implement functionality for cross sign and correct sign button