

Summary

Here in this android project, I created a signup form containing First name, last name, email, date of birth field, radio button to choose male-female and other, email, password, agree to checkbox and submit button. On clicking the submit button the page navigates to a list of food items screen (recycler view). On this page, I also have passed the first name and last name so that I can show them at the heading of the page.

Challenges

As I am new to java and android development, so it was challenging for me to do this android project as I am learning and doing from scratch. The front end (XML) part was easy for me as I had some experience in it, but I really find it difficult to bind activities with java as I am new to this language. But I was able to fix it with the help of the Kannagi Mahajan video, as it was clearly explained in it.

The next challenge I faced was that I was not able to color the hint. It was clear from google that `textColorHint` is used to change the color of the hint, but I was not sure whether to put it to `EditText` or `Layout`. It took me some time to figure out that, I need to put `textColorHint` in `Layout` rather than in `Edittext`. The Same types of confusion occurred while changing the hint font as well.

On top of this, the silliest mistake I did during this project is that I forgot to add the dependency for recycler view. I followed the whole video step by step but also the recycler view was not showing up for me, but it was showing in the video. It took a lot of time and energy of mine to decode that I haven't added dependency for recycler view.

Test Cases and Test Scenario

Test Scenario: Check the overall functionality of the project

| Test Case # | Test Case Description | Test Steps | Test Data |
|-------------|---|--|---|
| 1 | Check response when valid First name, last name, email, date of birth and password is entered | 1) Enter First name 2) Enter last name 3) Enter email 4) Enter DOB 5) Enter Password 6) Click Submit Button | Bijay Khadka Bijay.khadka@gmail.com 1995-03-13 |

