"Pak Covid Info App – Android App"

Project Report

Submitsted to:

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Submitted by:

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(023-19-0159)

Course:

Mobile Application Development

Batch:

BS CS VII –B

This project Pak Covid Information Application aims at to develop the android application that is used to update people about Pakistan's Covid live records. Like the Confirmed cases, Total Death, Total Tests, People that are Recovered and The Most Critical Cases. This application also shows the symptoms for Covid as well as the precautions to be safe from Covid. The application is developed for the Android OS using KOTLIN programming language in the IDE Android Studio.

The project contains; Splash Screen which is shown until application is started and then there is About Project Screen, which contains the project information. There are live Covid records shown in the application using different cards and the records are fetched from APIs using Volley Networking. The cards shows live Covid records like the Confirmed cases, Total Death, Total Tests, People that are Recovered and The Most Critical Cases. Moreover the application contains the Covid Symptoms Screen, which shows the different symptoms for Covid diseases. In addition, there is Covid Precautions Screen, which shows the precautions for Covid. There is a More Covid Information Card, which has a button that takes to the WHO website showing more information about Covid. In last, there is about me card, which shows the details about the submission of project.

The project contains the different screen for each functionality. Combination of different layouts i.e. Relative Layout and Linear Layout are used to develop the GUI of application and the scroll view is used to get the scrollable screen. There are different cards that are developed for this application that shows different information like records of Covid and more info card and project details card. In this project, Volley networking is used. It is used to get the real time information of Covid records. The data is being fetched from an API using volley. If phone is not connected to the internet, then a toast message is displayed that says; fail to get response, and then the dummy records are shown in application.

SCREEN SHOT

9:37

41%

CovidApp

وَإِذَا مَرِضْتُ فَهُوَ يَشْفِينِ

جب میں بیمار ہوتا ہوں تو وہی (الله) مجھے شفا دیتا ہے

PAK COVID INFO APP

CONFIRMED CASES	DEATHS
28756489	74582825

TOTAL TESTS
363825123

RECOVERED	CRITICAL CASES
776361	515151

More Information about COVID

Want To Know More About COVID-19 Click Below

More Info

COVID Symptoms   VIEW All

CovidApp

More Information about COVID

Want To Know More About COVID-19 Click Below

More Info

COVID Symptoms   VIEW All

Dry Cough
A dry cough is one that does not produce phlegm or mucus.

COVID Precautions   VIEW All

Get Vaccinated
Get vaccinated and protect yourself and others from corona

Project Details

Project by: Yasir Ali Lashari (023-19-0159)

Course: Mobile Application Development

Instructor: Nisar Ahmad Siddiqui

BSCS VII-B

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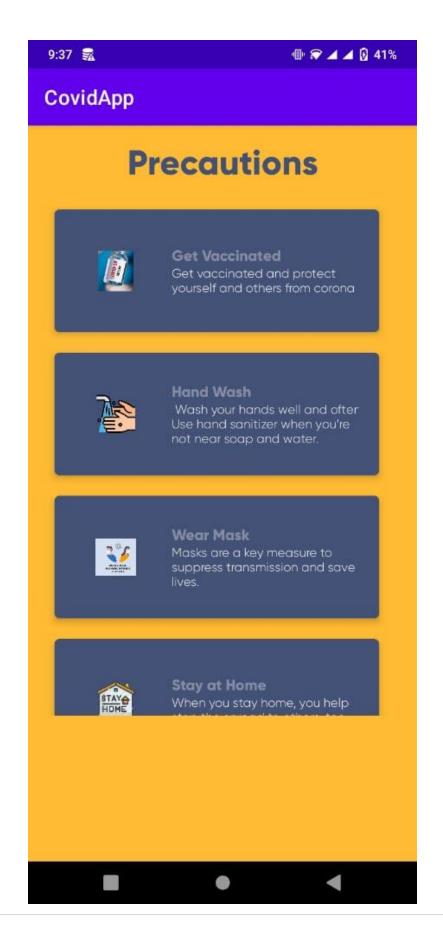www.who.int/emergencies/diseases/

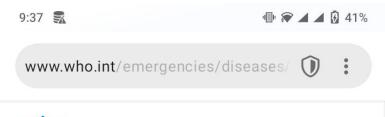**World Health Organization**

Coronavirus disease (COVID-19) pandemic

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