

FIREBASE BASED FILE ACCESSING USING QR CODE

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ABSTRACT:

The Quick Response system became popular outside the automotive industry due to its fast readability and greater storage capacity compared to standard UPC barcodes. In recent times, college faculty preparing notes and sharing notes to students. Students they may take printouts for preparation. This system is not user friendly, eco friendly and it is not an efficient. To solve these issues, in this project I develop an android application for effectively sharing notes or materials to students. In student side, use QR code to quick access notes and materials.

KEY WORDS: Generate QR,Scan QR,Fech File information From Firebase

INTRODUCTION:

This project Firebase Based File Accesing Using QR code involved in the query process and connected with the LBS server and its social friends. The query issuer will also receive the query results directly from the LBS server. Our aim is to mask the question sender among his/her social friends so it won't be easily identifiable. In order to be more precise, to restrict the probability that in the actual query issuer can be calculated (k is the number of query issuer friends). The android place finder system consists of the list of places registered in the device memory. It contains an admin login which allows admin to enter and store tremendous amount of places in the system. After successful enter, the places get stored along with their data, location, and description in the Firebase storage. The firebase storage, when used by a user, allows users to get the notification via firebase cloud notification .

STATEMENT OF THE PROBLEM:

The problem lies with existing system is college faculty preparing notes and sharing notes to students. Students they may take printouts for preparation which is not eco-friendly, and also doesn't provides cost effective solution

OBJECTIVES OF THE STUDY:

- ✓ The Quick Response system became popular outside the automotive industry due to its fast readability and greater storage capacity compared to standard UPC barcodes.
- ✓ In recent times, college faculty preparing notes and sharing notes to students. Students they may take printouts for preparation. This system is not user friendly, eco friendly and it is not an efficient.
- ✓ To solve these issues, in this project we develop an android application for effectively sharing notes or materials to students. In student side we use QR code to quick access notes and materials.

REVIEW OF LITERATURE:

FCM's predecessor was GCM (Google Cloud Messaging. GCM has been used by advertisers to send realtime messages. GCM has been updated to FCM. FCM push notification has all of GCM's features such as quick messaging with an additional feature of sending web push notifications. Developers integrate FCM in mobile and web applications to send users web-based push notifications and messaging.

How FCM works in Android Mobile Applications?

The job of the FCM is simply to deliver the notification and the message. To allow FCM push notification in Android apps, you need the following three things: a mobile application, FCM

server link & a push server from a third party. How to enable RCM to push notification in Android Apps:

- ✓ Add Firebase to your Android app project.
- ✓ Get FCM registration token (API tokens/Ids).
- ✓ Configure the API tokens/Ids to the Android App.
- ✓ Establish connection with FCM servers.
- ✓ Finally, get a third-party push notification service
- ✓ so that notifications can be sent from the app to
- ✓ FCM servers.

For example, here the user gets the notification of the details of the available vehicle service centres with the prices of the service within the radius of Geo-location of the user. The user can select the vehicle service with the price range they can afford.

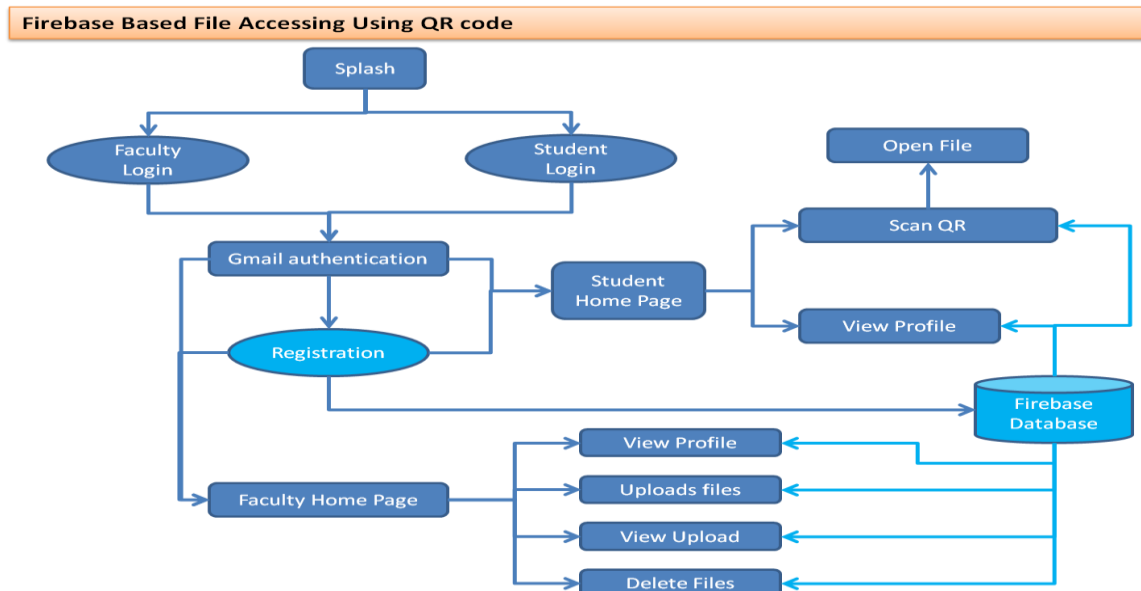
Cognitive privacy protection architecture is essential to the cognitive architecture to build a mechanism for supporting query publisher friends to connect with LBS servers. Cognitive privacy protection architecture In this paper, two different strategies are tried in different scenarios. The application sender is completely hidden from the LBS server in one situation by not engaging in the interaction of query with the LBS server.

RESEARCH METHADODOLOGY:

Before developing the tool it is necessary to see the time issue, economy n company. Once this stuff square measure, 10 next steps square measure to see that package and language might be used for developing the tool.

Once the programmers begin improving the tool the programmers want heap of external support. This support might be obtained from senior programmers, from different websites. Before building 5 the system on the top of thought square measure taken into consideration for developing the enforced system.

ARCHITECTURE:



RESULTS AND DISCUSSION:

The result analysis describes that the entire project was executed successfully and also having quality and performance by analyzing the flow of data and output screens. In my project the modules like Faculty, Student, QR generate and Scan modules are independent modules. Because my project follows the top down approach and bottom up approach.

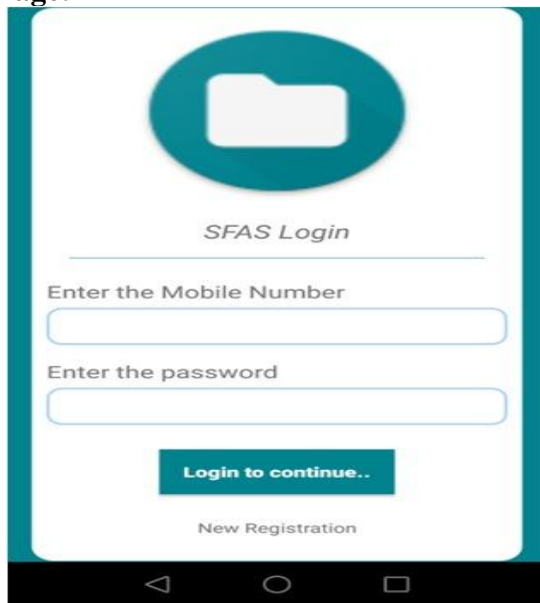
TEST CASES

TC No	Test Case	Input	Expected Output	Observed Output	Result
TC1	Login	Enter mobile no and	Login Successful	--do--	Pass

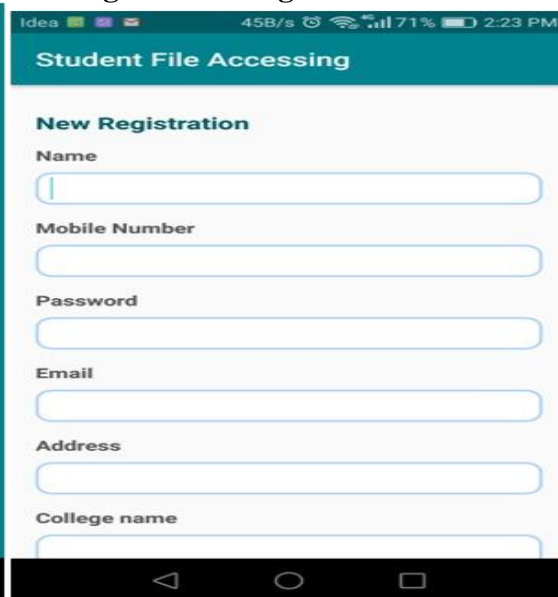
		password			
TC2	Login	Enter Wrong mobile no and password	Invalid login details	--do--	Pass
TC3	Registration	Enter all Fields Data	Registration Successful	--do--	Pass
TC4	Registration	Enter some fields data	All fields are mandatory	--do--	Pass
TC5	File Upload	Browse file from device and generate QR code	File upload successfully	--do--	Pass

Test Case Table

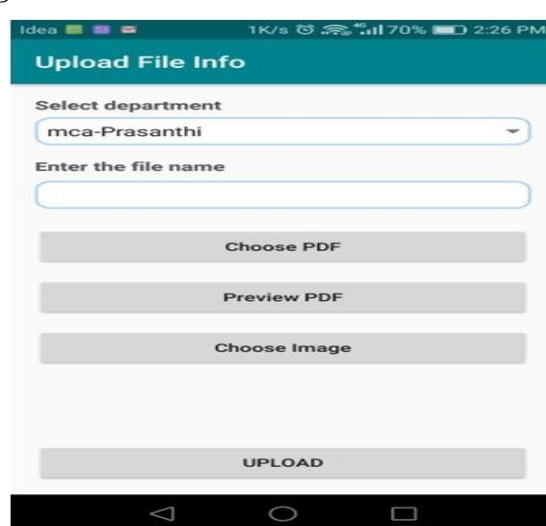
Login Page:



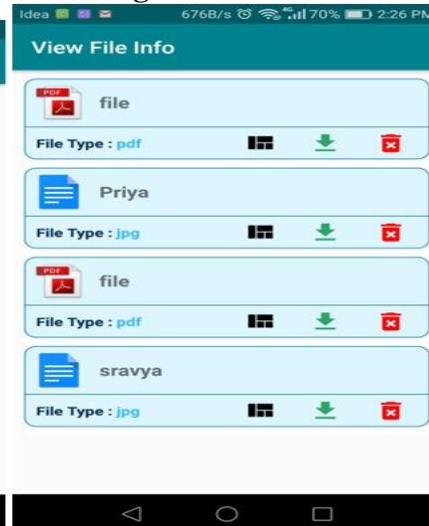
Registration Page:



Upload Page:



View Page:



CONCLUSION:

Accessing Using QR Code” in which securely store the Files in firebase server and access the file from firebase using QR code. This system mainly has two users. One is Faculty and Second one is Student This project implemented an android application named “Firebase based File. Using this application Faculty Share the materials and class Notes to students effectively. My proposed system shows effectiveness and efficiency to store, generate QR code and accessing file securely. In future I will consider the other issues such as storage and performance.

REFERENCES:

1. Jump up to: a b Reardon, Marguerite (August 15, 2011). "Google just bought itself patent protection". CNET. CBS Interactive. Retrieved March 11, 2017.
2. ^ Jump up to: a b Perry, Douglas (July 16, 2011). "Google Android Now on 135 Million Devices". Tom's Guide. Purch Group. Retrieved March 11, 2017.
3. Jump up ^ Markoff, John (November 4, 2007). "I, Robot: The Man Behind the Google Phone". The New York Times. Retrieved February 15, 2012.
4. Jump up ^ Kirsner, Scott (September 2, 2007). "Introducing the Google Phone". The Boston Globe. Archived from the original on January 4, 2010. Retrieved February 15, 2012.
5. Jump up ^ Vogelstein, Fred (April 2011). "How the Android Ecosystem Threatens the iPhone". Wired. Retrieved June 2, 2012.
6. Jump up to: a b c d e Elgin, Ben (August 17, 2005). "Google Buys Android for Its Mobile Arsenal". Bloomberg Businessweek. Bloomberg L.P. Archived from the original on February 5, 2011. Retrieved March 12, 2017.