

Securing Identification Card Against Unauthorised Access

A. Yaswanth Sai Raj, J. Rene Beulah

Abstract: Identification (ID) cards plays a major role in the day to day life of students and employees. It is used not only for identification purpose, but also used as mobile wallets for payment purposes. The ID cards are linked to accounts and users can purchase or make payments by QR code payment system. This gives more convenience to the users as they need not carry cash money everywhere. With this mobile wallets system, it is easy to transfer money or pay bills, fees etc. A common problem faced in such systems is the risk involved in losing ID card. Anyone who gets access to the lost card can use it illegitimately to pay his own bills. To avoid such problems, a secure authentication system is proposed in this work to identify the legitimate user. In the proposed system, the mobile number of the authorized user is linked to his/her ID card. Whenever the ID card is used for making some payments, an One Time Password (OTP) will be sent to the authorized user's mobile phone. The user has to enter the OTP and the transaction will be completed only on successful verification of the OTP. If an illegitimate user tries to use the ID card, the card will get blocked. This ensures that the card will not get misused.

Keywords: Android security; permission use analysis; vetting undesirable behaviours; Android behaviour representation

I. INTRODUCTION

Occasion based easygoing systems (EBSNs) are getting standard in view of the energetic improvement of Web 2.0 and Online to Offline (O2O) propelling model, differing on the web. An essential errand of EBSNs is to help the most tasteful occasion part strategy for the contrary sides, for example occasions select more people and people are made with unequivocally fascinating occasions. Existing strategies usually spin around the course of action of each single occasion to a lot of potential clients, or negligence the contentions between changed occasions, which prompt infeasible or dull methodologies. In this paper, to address the absences of existing techniques, we at first see a legitimately wide and obliging occasion part plan issue, called Global Event-part Arrangement with Conflict and Capacity (GEACC) issue, concentrating on the question of various occasions and making occasion part blueprints in a general view. Furthermore, we propose a web setting of GEACC, called Online GEACC, which is also reasonable incredible conditions. We further structure online tallies with provable execution ensure. At long

last, we check the abundance and capacity of the proposed frameworks through broad examinations on veritable and constructed datasets.

II. RELATED WORK

Live events and online classes are normally a key arrangements and advancing channel, anyway they can be capricious to sort out, execute, and follow up on. The Dynamics 365 event the load up incorporate energizes you consistently, masterminding and arranging through progression and generation, member enlistment, online course imparting, last examination, lead age, and evaluation of ROI. To make, see, and adjust your events and all event related records, go to the Events work zone of Dynamics 365, where you can make another event and—working from this single event record—incorporate most of exchange sorts of records and information that you need to configuration, circulate, advance, and separate it. Similarly as different sorts of records in Dynamics 365, the event record gives a flexible business process work process that oversees you through every movement of the strategy. Use diverse bits of the Events work an area to work with express record types that relate to event masterminding, for instance, collaborations, sessions, members, supporters, to say the very least. Dependent upon what you are doing at the time, you may get to these sorts of records when working in the parent event record, or you could go to the area focused on a specific record type to work with that kind of record just, or work transversely over events.

III. LITERATURE SURVEY

TITLE: Designing and Implementation of Smart Card Technology for the Students of Higher Education

AUTHOR: Abhishek Singh¹, Ashish Chopra², Mohammad Imran³, Rahul Singh⁴

YEAR: 2017

DESCRIPTION:

Digitization is the course toward changing over data into a pushed affiliation. The economy that depends after forefront figuring progressions is known as Digital Economy. The computerized economy is in like way a part of the time called the Internet Economy or Web Economy. Starting at now, in an immense portion of the nations, inside the comprehensive network's wallet, they without a doubt have a couple of charge cards, an ID card, adjusted teller machine cards (ATM card) and maybe a few other plastic cards. Without remembering it, these plastic cards have changed into a basic piece of their life.

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* Correspondence Author (s)

A. YaswanthSai Raj, UG Student, Department of Computer Science and Engineering, Saveetha School of Engineering, Chennai, Tamil Nadu, India. (yaswanthsai4u@gmail.com)

J. Rene Beulah, Assistant Professor, Department of Computer Science and Engineering, Saveetha School of Engineering, Chennai, Tamil Nadu, India. (renebeulah@gmail.com)

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Beginning at now mind blowing cards can be found in the transportation, media transmission and retail parts. In this paper we are giving the mix of digitization and modernized economy and plan to propose organizing and execution of a Student Card System for higher illuminating foundations utilizing mind blowing card progression. Gifted card is a card which contains a standardized distinctive confirmation which is only an uncommon card that is doled out to the understudy. A standardized tag is a development of substituting weak and light stripes that are inspected by an optical scanner. It is a tweaked prominent proof progression. A scanner tag is an optical, machine-clear; portrayal of information the information by and large depicts something about the article that passes on the regulated ID. The understudy sharp card can be utilized to support made by understudies. This card is helpful for the understudies in spots like library, flask, stationary shops and web storing up of fundamental reports. Beginning there we can see the potential and intensity of vigilant cards their flexibility and convenience.

TITLE: Smart Card Security; Technology and Adoption

AUTHOR: Hamed Taherdoost, Shamsul Sahibuddin, Neda Jalaliyoon.

YEAR: 2011

DESCRIPTION:

Beginning late, shocking card improvement are being used in different ways around the world, on the other hand, security has ended up being enormous in information movement, especially in those application including data sharing and trades through the web. In like manner, gets some data about in information headway validation have seen the security as one of the factor that can influence on adroit card assignment. This examination is basically to consider the security principals of sharp card and assess the security viewpoints' effect on amazing card movement assignment. In order to achieve this reason, a review was driven among the 640 school understudies to survey the confirmation of astounding card improvement from security points of view.

TITLE: Smart Card Technology: Past, Present, and Future

AUTHOR: L. A Mohammed, Abdul Rahman Ramli, V. Prakash, and Mohamed B. Daud

YEAR: 2004

DESCRIPTION:

Insightful Cards are secure adaptable limit contraptions used for a couple of uses especially security related ones including access to structure's database either on the web or disengaged. For the inevitable destiny of sharp card to be splendid, it is basic to research a couple of points of view and factors especially those came about on account of the quick movement in information and correspondence development. This paper researches ebb and flow designs in sharp card development and highlights what is presumably going to happen later on. Additionally, the paper watches out for alternate points of view in order to perceive the inside thoughts that are critical to splendid card originators and researchers. More highlight is given to four key traits of keen cards: adaptability, security, open stage, and memory the board, as they are acknowledged to be at the center of many wise card applications.

TITLE: Cloud Based Shopping Guide System Using QR code.

AUTHOR: R.Anand,R.Regan, V.Mohanraj

YEAR: 2012

DESCRIPTION:

With the improvement of desires for ordinary solaces, shops are getting to be more noteworthy resulting to working with dynamically plenteous stock and greater collection of items. Along these lines, manufacturing a direct, brisk and supportive shopping guide structure has transformed into a typical stress of merchants and customers. Starting late wireless has transformed into a renowned customer things, a direct improvement methodology was given to design shopping guide system continue running on cutting edge cells, with the help of QR code age and affirmation development. For capable shopping structure, unique QR codes are made to record the article name, number, territory of items put. Phone sees the QR Code through the camera. In the wake of being seen and changed over, the code will be differentiated and the data in the server that is set in the cloud. It gives various organizations as demonstrated by customer's choice. Customer gets the latest progressions of associations; find the best course from his present territory to the objective.

TITLE: Implementation of Mobile DICOM Image Retrieval Application with QR-Code Authentication

AUTHOR: Yi-Ying Chang, Huai-Bin Zhong,Min-Liang Wang

YEAR: 2014

DESCRIPTION:

Flexible advancement and Applications are growing rapidly which give another organization way. In the zone of Engineering in Medicine and Biology is an earnestly affected by new advancement and openness. We proposed a model of helpful picture (DICOM [6]) recuperation Application with Quick Response Code (QR-Code) [7] affirmation reliant on Android working system, which can bolster singular focuses and clinicians in the remote district develop their own adaptable recuperation structure by the lower cost way.

TITLE: Event-based Social Networks: Linking the Online and Offline Social Worlds

AUTHOR: Xingjie Liu, Qi Hey, Yuanyuan Tiany, Wang-Chien Lee, John McPhersony

YEAR: 2012

DESCRIPTION:

As of late risen event based online social organizations, for instance, Meet up and Plan cast, have experienced extended popularity and speedy improvement. From these organizations, we viewed another sort of casual network {event-based relational association (EBSN). An EBSN does not simply contain online social relationship as in other conventional online casual networks, yet moreover in-cludes noteworthy social joint efforts got in works out. By looking at authentic data assembled from Meet up, we explored EBSN properties and found various exceptional and charming qualities, for instance, significant pursued degree transports and strong domain of social participations.

We hence mulled over the heterogeneous nature (combination of both on the web and social participations) of EBSNs on two testing issues: arrange area and information. We found that systems perceived in EBSNs are more solid than those in various sorts of relational associations (for instance region based relational associations). With respect to information, we considered the event recom-mendation issue. By testing distinctive information delusion structures, we found that a system based delusion exhibit that surveys both on the web and affiliations gives the best estimate control. This paper is the rest research to consider EBSNs at scale and makes prepared for future examinations on this new sort of casual association. A precedent dataset of this examination can be down-stacked from <http://www.largenetwork.org/ebsn>.

TITLE: Utility-Aware Social Event-Participant Planning

AUTHOR: Jieying Shey, Yongxin Tongz, Lei Cheny

YEAR: 2015

DESCRIPTION:

Online event based casual association (EBSN) stages are being-coming understood these days. A fundamental task of directing EBSNs is to arrange authentic social gatherings to charmed customers. Existing techniques decide in doubt acknowledge that each customer exactly at-tends one event or dismissal territory information. The general utility of such technique is compelled in certified world: 1) each customer may go to various events; 2) setting off to various events will gain spatio-temporary con icts and travel costs. In like manner, a dynamically canny EBSN arrange that gives individual ized event needing to each part is needed. In this paper, west formally de ne the issue of Utility-careful Social Event-part Planning (USEP), which is ended up being NP-hard. To deal with the USEP issue, we rst devise an avaricious based heuristic computation, which performs fast un-der certain conditions anyway has no supposition guarantee. We by then present a two-advance speculation framework, which not simply guarantees a 1/2 - gauge extent yet furthermore consolidates a movement of upgrade techniques to improve its space/time exigency. Finally, we affirm the capability and e activeness of the proposed strategies through expansive experiments on certifiable and built datasets.

IV. EXSISTING SYSTEM

- Manually record the event and using this record, event organizer and participant handle the events.

V. PROBLEM STATEMENT

An event managing application for PDAs that interfaces people together, making social events of customers and sharing their events inside get-togethers.

VI. PROPOSED SYSTEM

- ✓ EBSN (Event-based social networks) is to facilitate the most satisfactory event-participant arrangement for both sides, i.e. events enroll more participants and participants are arranged with personally interesting events and register with QR code payment

VII. MODULE DESCRIPTION

- ✓ LOGIN/REGISTRATION
- ✓ DATABASE CREATION
- ✓ CREATE EVENT
- ✓ DISPLAY EVENT
- ✓ REGISTER EVENT WITH QR CODE PAYMENT
- ✓ REGISTER STATUS

LOGIN/REGISTRATION

In this module the two clients can play out the login and the enlistment system. Precisely when the new clients will enlist the User name, Password, and Conform Password into the selection page. After enlistment the technique, the going with stage is login into the system, when the login page contains the client name and puzzle express field. Precisely when the clients will give the right information to login into the given application.

DATABASE CREATION

Client email id or client name and secret phrase have been put away after enlistment. Android utilized SQLite Database for putting away and bringing client application subtleties

CREATE EVENT

This module is used to Create Event for Admin side. Here Event dependent on the Event Name, Date, Time, Location, Contact Details are Stored in the information base.

DISPLAY EVENT

In this module to display the Event details in user side. Initially User can Search the date and user can view the event details in particular date.

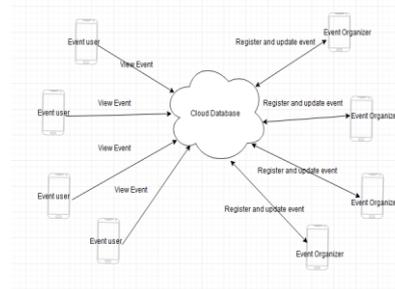
REGISTER EVENT WITH QR CODE PAYMENT

This Module used to, After Viewing the Event then customer go to the Register system for the particular event and date. Directly customer Register adequately completed then customer requested sent to the Admin side for the particular event.

REGISTER STATUS

This Module used to, Admin see the entire Event asks for from client side. At last, the Admin chose for the client asked for to accept or Rejected on the off chance that client asked for to acknowledge, at that point the status to be refreshed to the client side.

VIII. RESULTS & DISCUSSIONS



IX. FUTURE ENHANCEMENT

This work can be actualized in ios application client to pertinent for ongoing world and if any up and coming occasion are register to utilizing gps help to discover the occasions of scope and longitude.

X. CONCLUSION

In this paper, we perceive a novel event part game-plan issue called Global Event-part Arrangement with Conflict and Capacity (GEACC). We at first separate our inconsistencies differentiated and standard organizing issues and exhibit the NP-hardness of our worry. By then, we plan an exact computation and two gauge estimations. The exact figuring is capable for little informational indexes by strategies for a pruning rule. The MinCost Flow-GEACC surmise count isn't adaptable to considerable informational collections, and the Greedy-GEACC gauge computation runs basically snappier than MinCostFlow-GEACC while guarantees a comparative demand of estimate extent. Despite the separated setting, we also consider the online circumstance of GEACC, called Online GEACC, where customers get in contact on the EBSN arranges in an online way. We further propose an aggressive proportion guaranteed online figuring for Online GEACC, called Online Greedy-GEACC. We lead expansive preliminaries which affirm the profitability, feasibility and flexibility of the proposed approaches.

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