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Aadhaar Secure Travel Identity

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Abstract: ***This paper proposed a public transport system which emphasize on secure travel technique by using Aadhaar card as a travel card. In this study we seek to explain the use of mobile services like mobile ticketing in public transportation previously , this paper provides a brief glance at secure travel system, since the passengers flow in public transportation is increasing day by day as the population is increasing secure travel is an important social need of today which done by using Aadhaar card. Aadhaar card. Aadhaar consist of 12-digit unique number which is the unique identification authority of India (UIDAI).For each and every individual, transaction –ID for every customer will be unique. It presents a brief review on Aadhaar card, and discusses the scope and advantages oflinking Aadhaar card to fake travelers. Customerdetail will be stored in the database for each andevery route, thus it would be beneficial for retrieving the data from database in case any disaster or terrorist attack providing efficientand convenient mechanism for recharge facility for the customer make this system user friendly. Further we present various cases inwhich Aadhaar card may pose security threats. In this paper followed by a discussion on the loopholes in the existing system. We conducted literature survey based on the various research articles, leading newspapers, case studies and categorized the various cases into three categories. Aadhaar project is one of the significant projects in India to bring the***
universal trend of digital innovation. The launch of this project was focused on the inter- operability of various egovernance functionalities to ensure the better utilization of Information, Communication and Technology Infrastructure. Towards this Government of India has recently made Aadhaar card mandatory for many government applications, and also has promoted Aadhaar enabled transactions. There are many issues related to security and privacy of the Aadhaar data need to be addressed. This paper highlights such cases.

Keywords: UID, Passport, RTO Adhaaar System.



Figure.1

I. INTRODUCTION

The necessity for secure, fast, and consistent rail and aircraft services is a major concern for all the countries across the globe. The incapableness of the existing system to operate efficiently and be reliable, safe and secure are the issues that are haunting the countries in today's world and these cases urge the management to develop a better model. More than 22 million passengers travel daily and 8.107 billion annually by trains and plane all over India. Security at railway platforms and airport is not adequate and there is no verification of the passengers who are travelling. In our proposed system, the Aadhaar card is used for verification and improving the security at railway stations and airports. Fingerprint scanner are also introduced for double verification of the passengers which alsolessen the manual effort. The machine will take the fingerprints of the passengers, store them in the database and will verify the passengers by matching their fingerprints with the stored impressions. If the machine fails to identify the fingerprint then he is perceived to have used a fake identity during reservation. One utmost benefit of Aadhaar Card-Linked Railway Management and airport management that it will completely terminate illegal and unauthorized agents from booking tickets in false names and thenselling them in high prizes.

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1) The Unique Identification number which acts as their Unique Identity .
2) The Aadhaar Card number fetches all the required information about the person in justone go without the trouble of entering all thedata about a person again and again .
3) It also provides authenticated and verifiedinformation.



Figure 2:- Aadhaar Secure TravelIdentity

A. Block Diagram

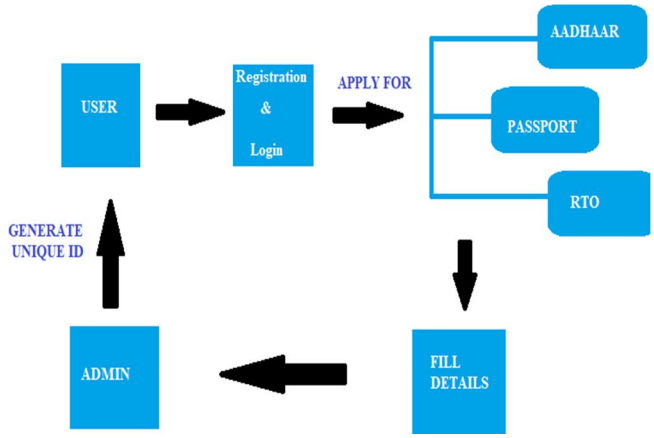


Figure.3 working model of the System

B. Modules

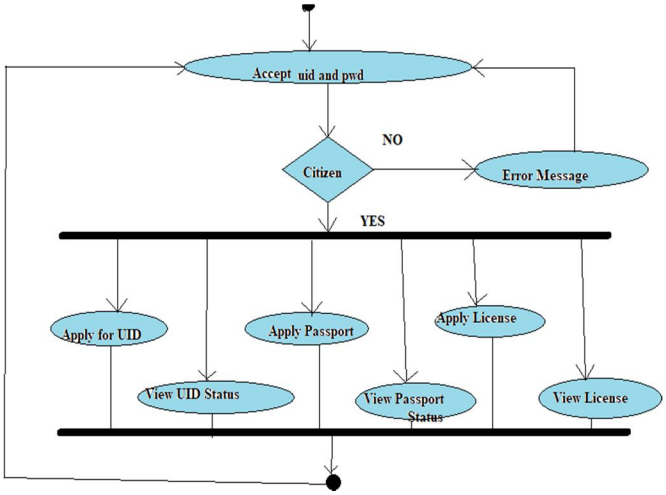


Figure 4. Modules of Aadhaar Secure TravelIdentity

1) *Login & Security:* This module allows only authorized users to use the application. The application comes with a default administrator account.
2) *Citizen Registration:* This module allows the citizen to register for unique identity. The citizen provides his personal information, phototo the registration mod

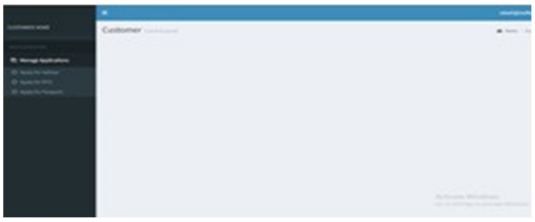


Figure.5

3) *Process & Issue Unique Identity:* This module generates unique identification number for each application (citizen). The UID is also associated with a password which can be changed by the citizen.
4) *Apply Passport:* This module allows the citizen to register application for passport. The module auto fills the application with the information already available in the UID regn database.
5) *Passport Processing:* This module allows the administrator to verify the details of the application and to check the status of the report.
6) *Crime Control:* This module allows the crime department to view citizen information either using the uid or the passport number License Monitor: The module allows the citizen to apply for passport and have the details and the status of the test. The citizen will not have to submit any physical form nor have agents in between . The aadhaar scheme provides digital form and takes up citizen information from the registration database and dynamically fills the form. The test centers, their location are picked up based upon the pin code the citizen resides at. The RTA provides inputs on test schedules and test results to Aadhaar.
7) *Reports:* Passport & License ApplicationsApplication & Processing Status • Fly & No Fly

II. SYSTEM ANALYSIS

A. Existing System

1) The resident is recognized by differentcharacter cards.
2) There is no exceptional character in India.
3) Passport must be conveyed for movement abroad.
4) Crime office can't converse with the private aircrafts to follow or stop travel of a resident in a flash.

B. Disadvantage of Existing System

1) The resident is recognized by numerouscharacter cards.
2) There is no exceptional character in India not at all like the SSN in the USA.
3) An individual can carry more than one identification.
4) Possibility of visa being lost or harmed.
5) Crime division speaks with the AirportAuthority of India truly on halting or following a resident in movement.
6) License can be applied on different occasions,duplication conceivable, lost or harmed whenever.

III. PROPOSED SYSTEM

A. A resident is provided a UID. The id have 12- digit a pin number.
B. A actual check is taken up by the assessor on whose affirmation the ID is given.
C. A resident holding the ID can just apply for visa or permit.
D. Based on the sort of utilization the applicationis sent either to the Police office for confirmation or to the RTA for driving test status.
E. Citizen has an online mode where he can check the status of every application.
F. The wrong doing division incorporates with the aircrafts and distinguishes resident who hasa contingent

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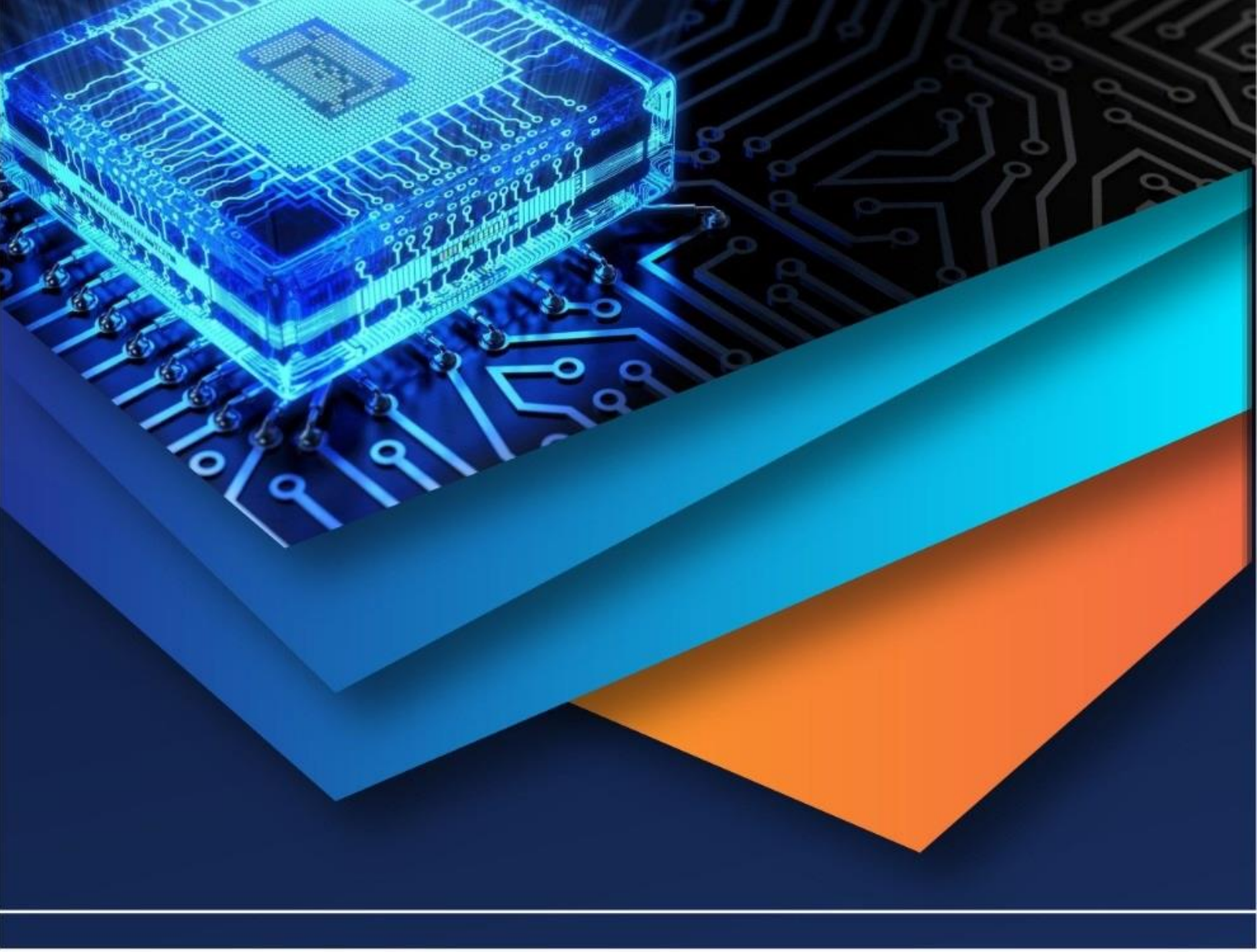
IV. CONCLUSION

This application will now be able to distinguish every individual particularly. The security and verification at the railway platform and airport will be ensured as every passenger would have been thoroughly verified and checked using their government ID. The management thus will encounter less fake and unauthorized travelers, reducing the risk of bomb blasts or any terror activities. The congestion at the platforms would also be lessen.

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