

Aadhar Based Airport/Passport Entry System

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Abstract-Now days in our country the security is not up to the mark in the airports. The reason behind this that easily availability of the fake passports. To overcome that Aadhar based seeding Passport system should be implemented.i.e, Aadhar card number of the individual has to be linked with the Passport and retina, finger prints should be matched when the boarding pass is provided to the concern individual to enter for the boarding.

Index Terms- Retina Scanning, Fingerprint Scanner, foot Print Scanner, Unique Identification Number

I. INTRODUCTION

The most important thing in day today's life is security for all the cases. One of the most important security things to be provided in the airports, passports and air tickets. All the passports consisting of individuals should be linked with unique identification number like aadhar. Even for booking the air ticket for domestic flights also unique identification number has to be linked. Once the UID number is linked with all the above cases, then when the individual entered into the airport before getting the boarding passes, the air ticket, passport has to be checked with three relevant conditions.

- 1.Retina Scanning,
- 2.Finger Print Scanning,
- 3.Footprint Scanning.

In these three scanning conditions at least two scanning reports has to be shown matched with the individual, then the concern person is allowed to enter into the boarding station to flight, otherwise the person will not be allowed in to the boarding station and he will be transferred to Airport authorities for further enquiries.

II. IDENTIFY, RESEARCH AND COLLECT IDEA, EXISTING METHOD

In the Existing method of the passport and air ticket travelling the following steps are being followed

- 1) Security Check Entering
- 2) Boarding Pass/Check-in
- 3) Luggage Testing and verification
- 4) Waiting for announcement
- 5) Pre Boarding announcement
- 6) Final Boarding Announcement
- 7) Flight takes off

In the analysis of all these systems the security they are been provided is functioning ,but, it has to be more improved.

III. WRITE DOWN YOUR STUDIES AND FINDINGS,PROPOSED METHOD

To overcome the current scenario, it has been proposed to implement the new set of security functions like seeding the aadhar number to the passport and also for the air tickets for the domestic flights.

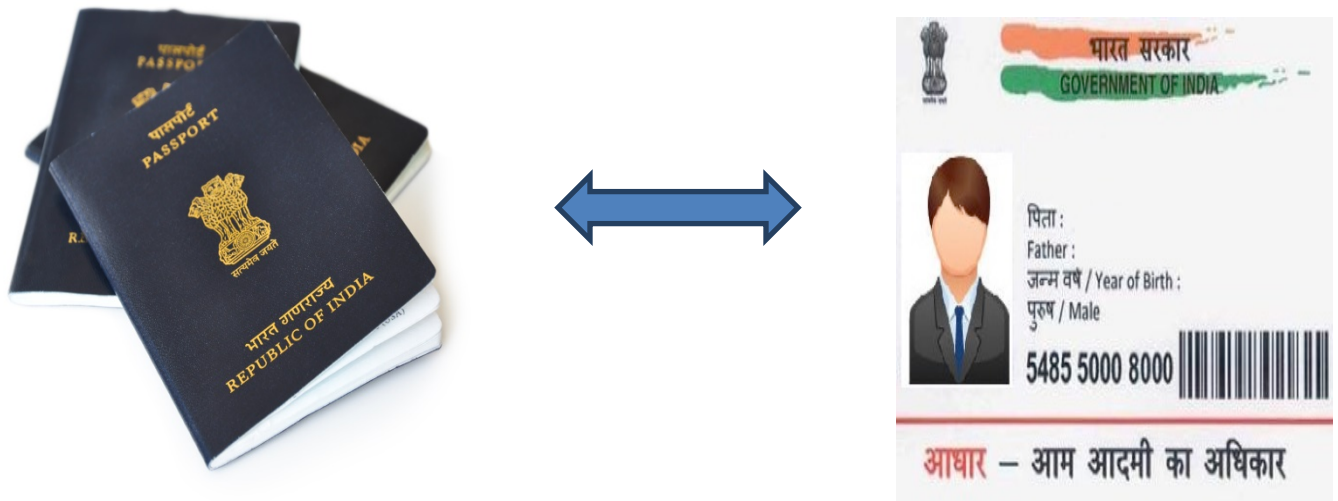


Figure.1: Linking Aadhar to Passport

Once the passport is linked with the aadhar number then, all the information stored in the aadhar will be transferred both in passport and aadhar . once the passport no and aadhar no matched with all the information then, the scanned document of the retina,finger prints and foot prints will be stored in the passport no of the individual and then, the verification becomes easier when the individual goes for the boarding pass.



Figure.2: Retina and Foot Print Scanning



Figure.3: Fingerprint Scanning

IV.UNIQUE IDENTIFICATION ID

PEOPLE WHO TRAVEL FROM OTHER COUNTRIES TO INDIA MAY NOT HAVE AN AADHAR CARD FOR THE VERIFICATION PURPOSE.SO, THEY WILL BE PROVIDED WITH THE UNIQUE IDENTIFICATION ID WHERE IT WILL USED U TILL THE COMPLETION OF THE VISA.

V.BLOCK DIAGRAM

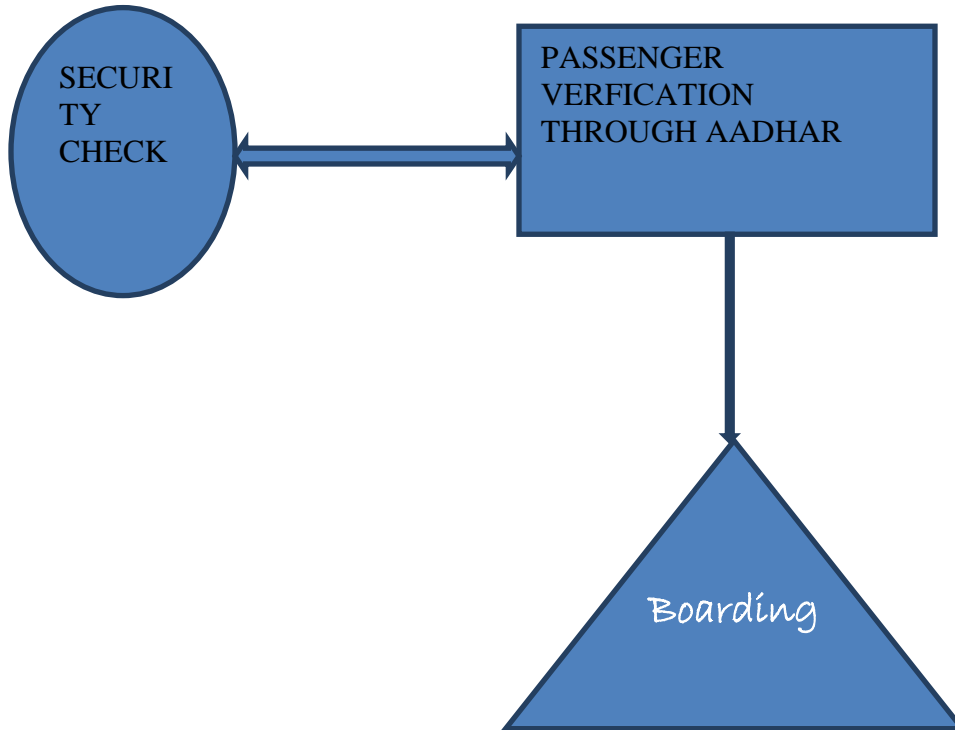


Figure.4. Proposed Transmission Process of the Aadhar based passport entry system

VI.CONCLUSION

To overcome the current scenario, the aadhar based passport linking system would be eradicate the fake passports and also implement of the high security with this process.

REFERENCES

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