SECURE BAGGAGE USING RAILWAY DIGITAL TRAVEL TICKET

Project by

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#OPENGOVDATAHACK

Chosen Sectors

Transport & Crime

Dataset Used

Indian Railways Time Table for trains available for reservation as on 03.08.2015

OUTLINE

CONCEPT'S SOURCE & PROBLEM STATEMENT

STATSTICS

PICTORIAL REPRESENTATION

PROJECT DEMO

BLOCK DIAGRAM & EXPLANATION

LOGICAL FLOW DIAGRAM

SMARTPHONE APP

PREDICTED OUTCOMES AFTER IMPLEMENTATION

CONCEPT'S SOURCE

While Travelling with my Team members for Project Design Contests, Roadshows, Hackathons. Etc. It was **difficult to Secure** our belongings, especially our Project Hardware and other expensive Electronics

It was also noticed TTE was carrying a bunch of papers which had Passenger and journey details printed. It was a hectic process for TTE to turn pages and identify the passenger details and also the TTE cannot take responsibility for Security of passenger's baggage. This method also leads to **wastage of paper and ink**

PROBLEM STATEMENT

The bag lifters are smart enough to identify the passenger and very **efficiently loot** the belongings of passengers beyond the presence of security personals and even without the knowledge of passengers. The thieves are not able to be identified since they travel as **co-passenger**

Thousands of passenger's luggage's and belongings have been stolen and the theft cases reported have been **undetected** so far
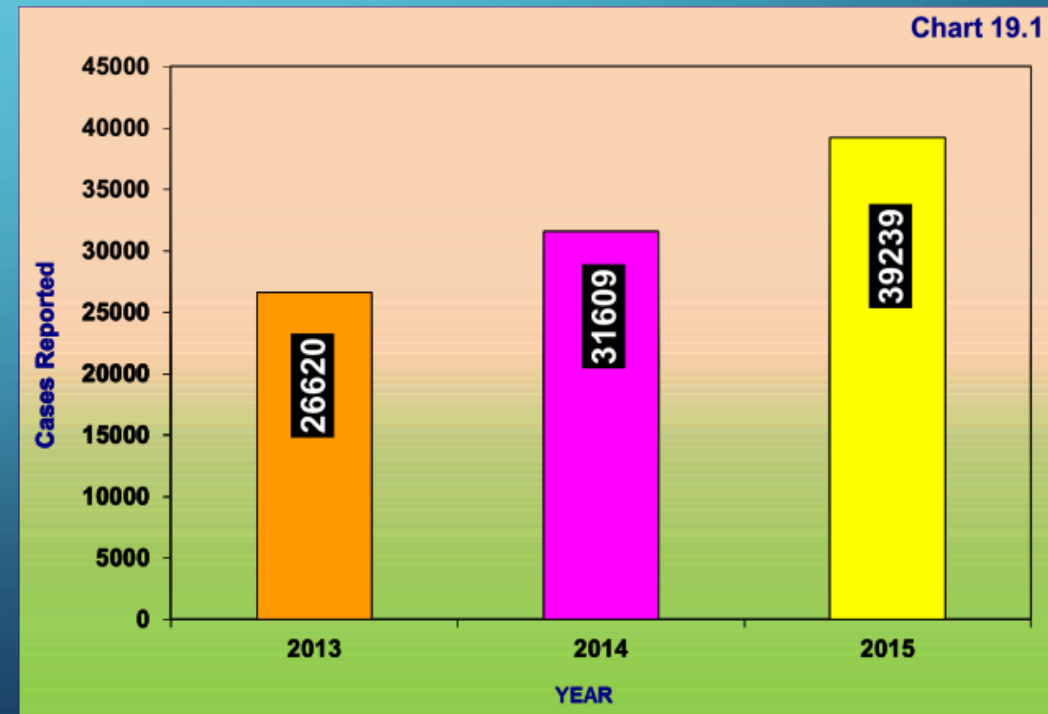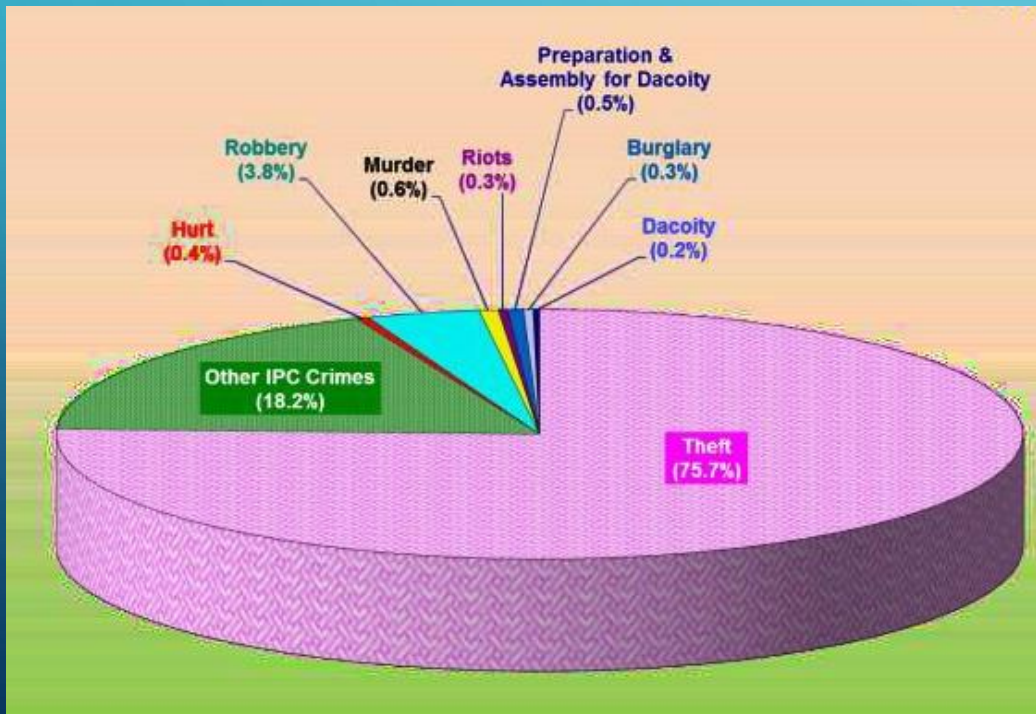
STATISTICS

Indian Railways - Official Website

Crime in Railways : www.indianrailways.gov.in - Crime_Railways_210417.pdf

Crime in Railways Report Briefing

- Among IPC crimes, maximum cases were registered under 'theft' accounting for 75.6% (29,686 out of 39,239 cases) of total IPC cases

STATISTICS

Indian Railway is the Second largest railway network in Asia in which Tracks are running well over 60,000 kms which help connect about 7500 stations, ferrying nearly 20 million people every day in which most passengers carry a luggage along with them. But according to statistics, Indian Railways are getting unsafe by the year due to increase in Theft Rates.

- Indian Consumer Complaint Forum - iComplaints.in

  Indian Railways - Theft While Traveling http://www.icomplaints.in/theft-while-traveling.html

- Hindu News - Railways told to pay for stolen jewellery of passenger railways-told-to-pay-for-stolen-jewellery-of-passenger/article7573788

- Financial express - News : Railways asked to compensate passenger for stolen luggage Indian-railways-asked-to-compensate-passenger-for-stolen-luggage/634273

COMPARTMENT UNIT – PICTORIAL REPRESENTATION
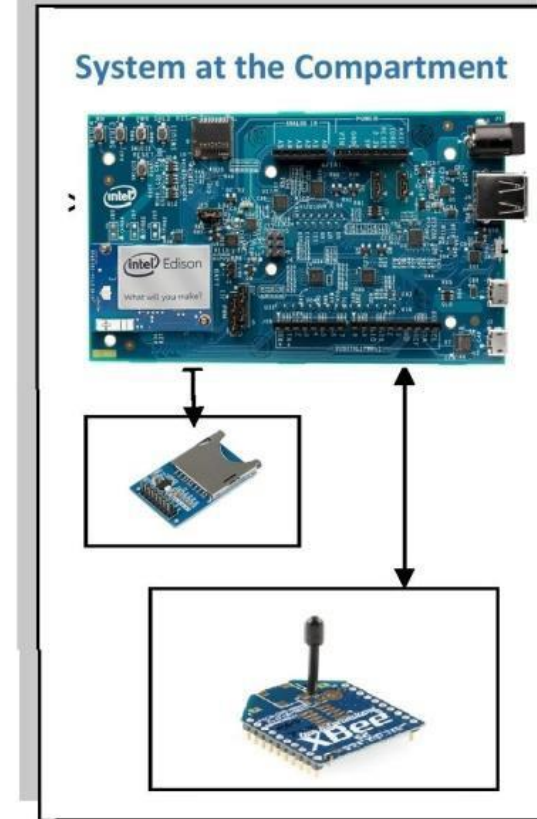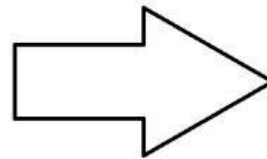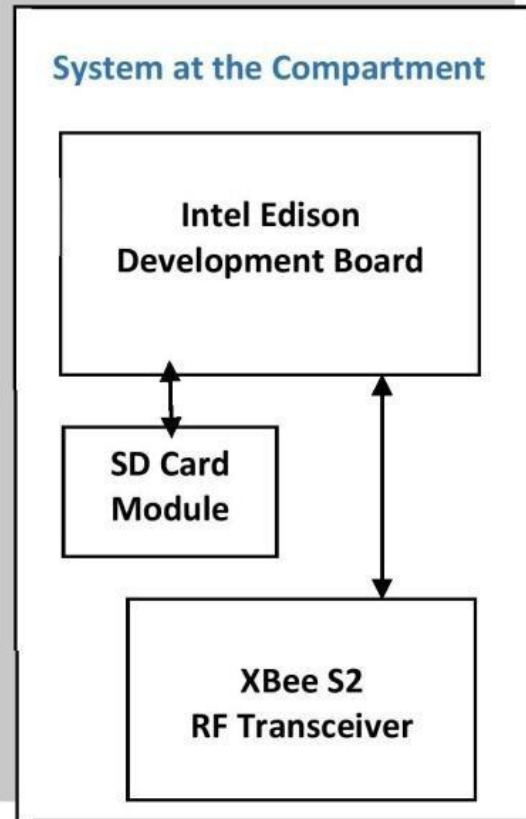
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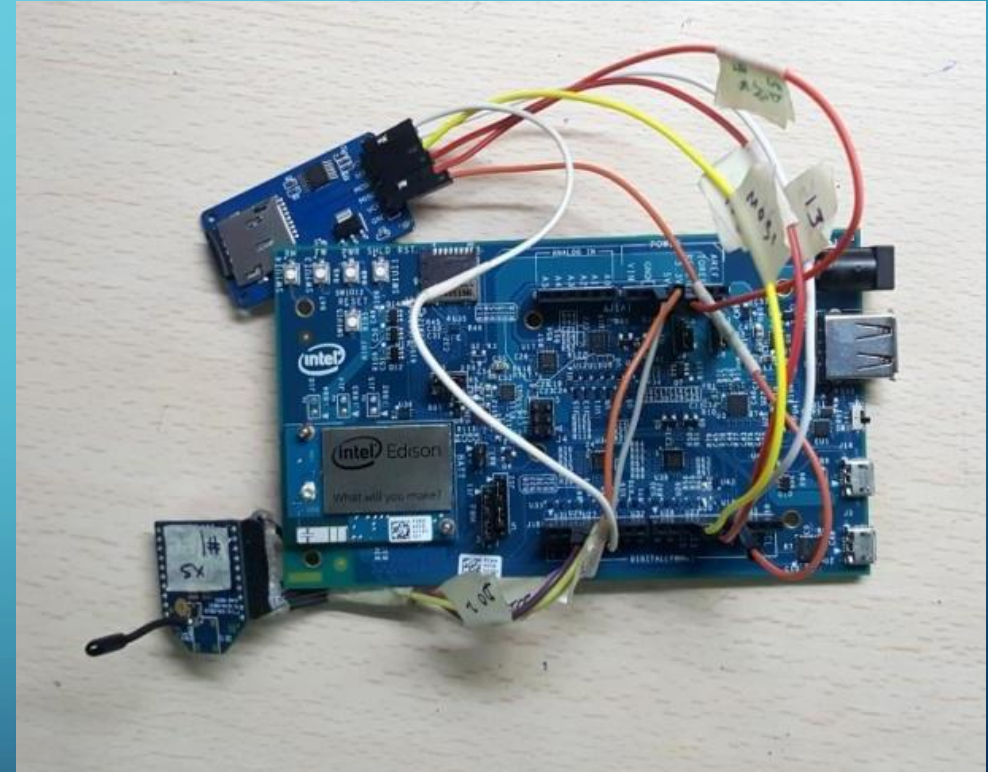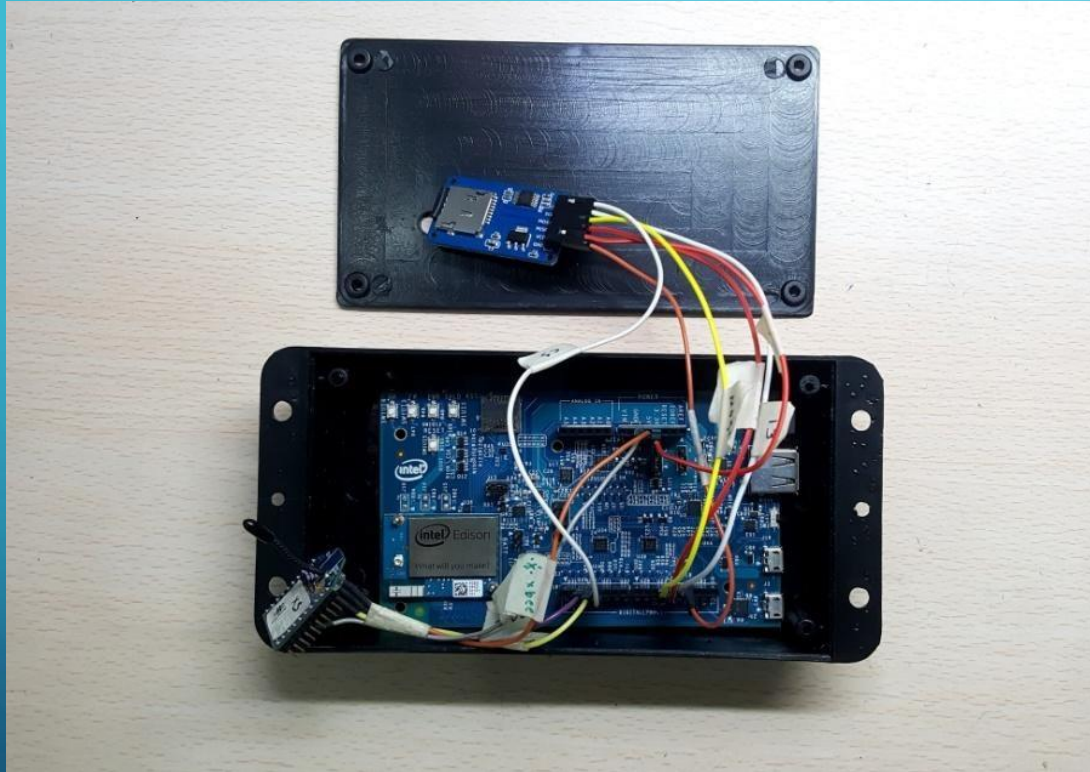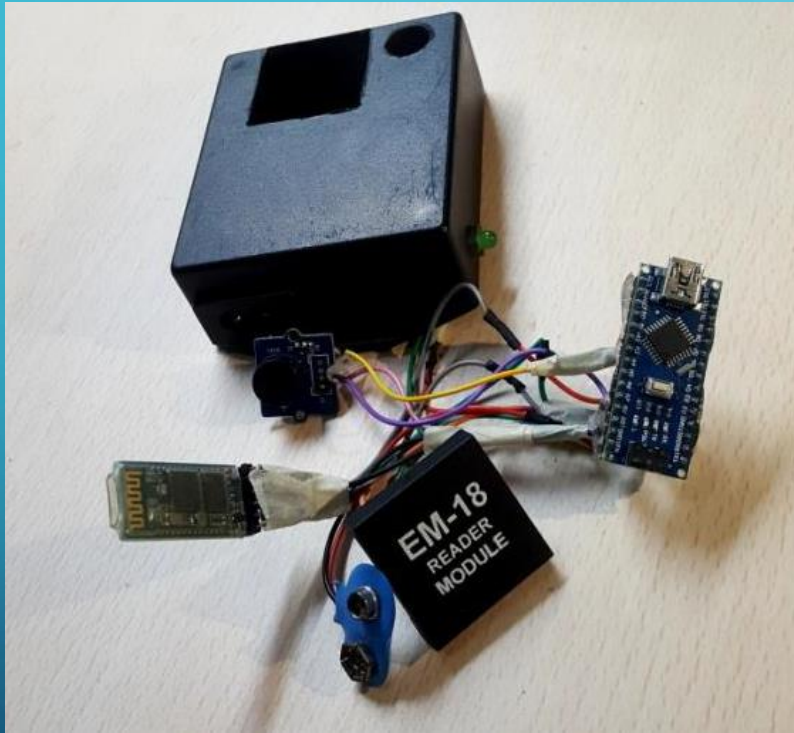
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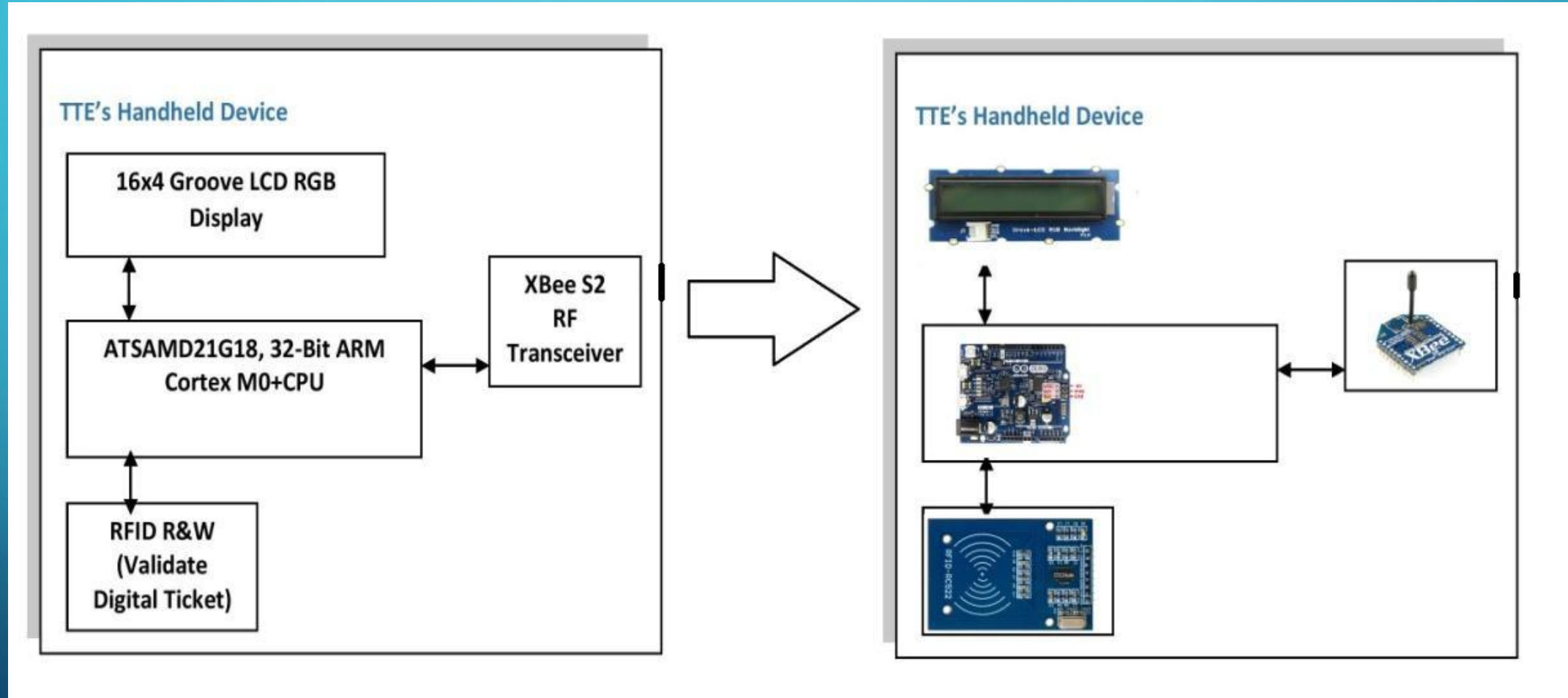
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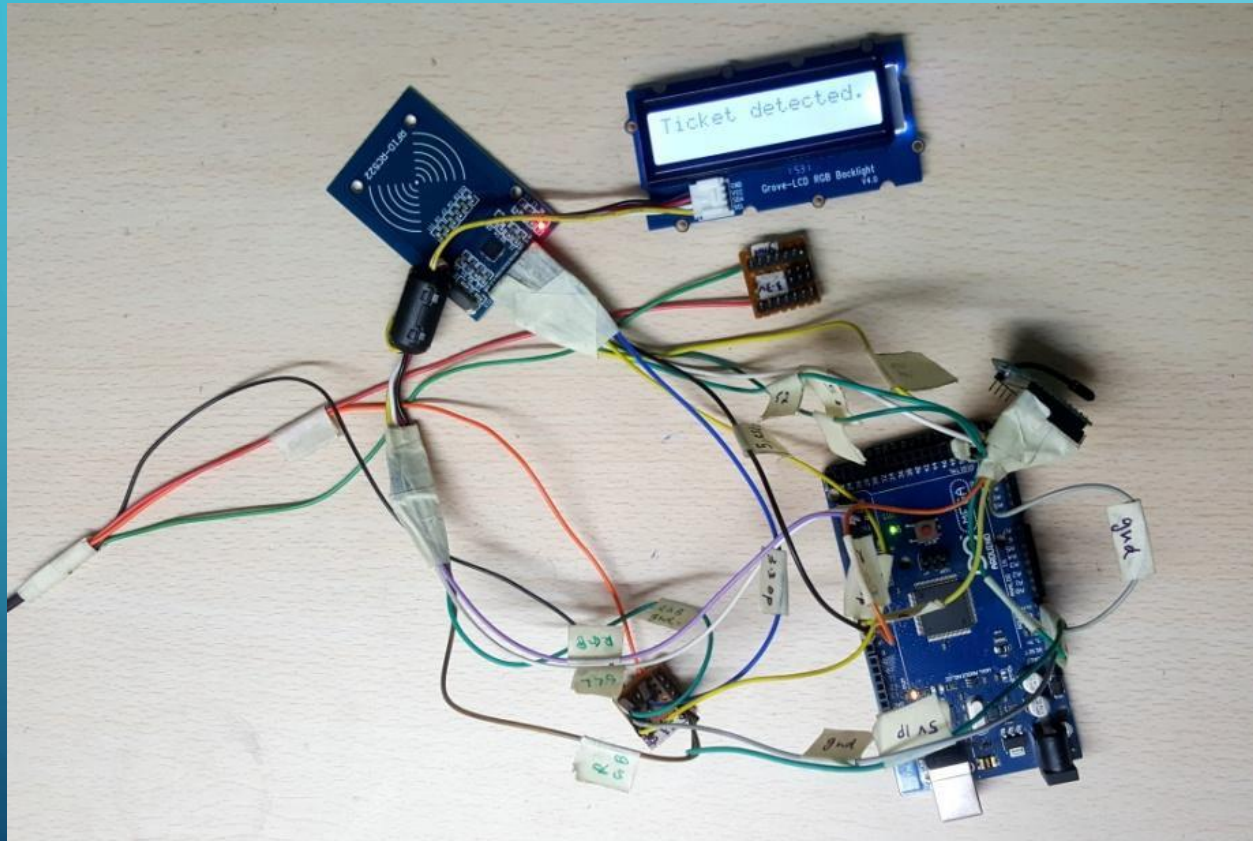
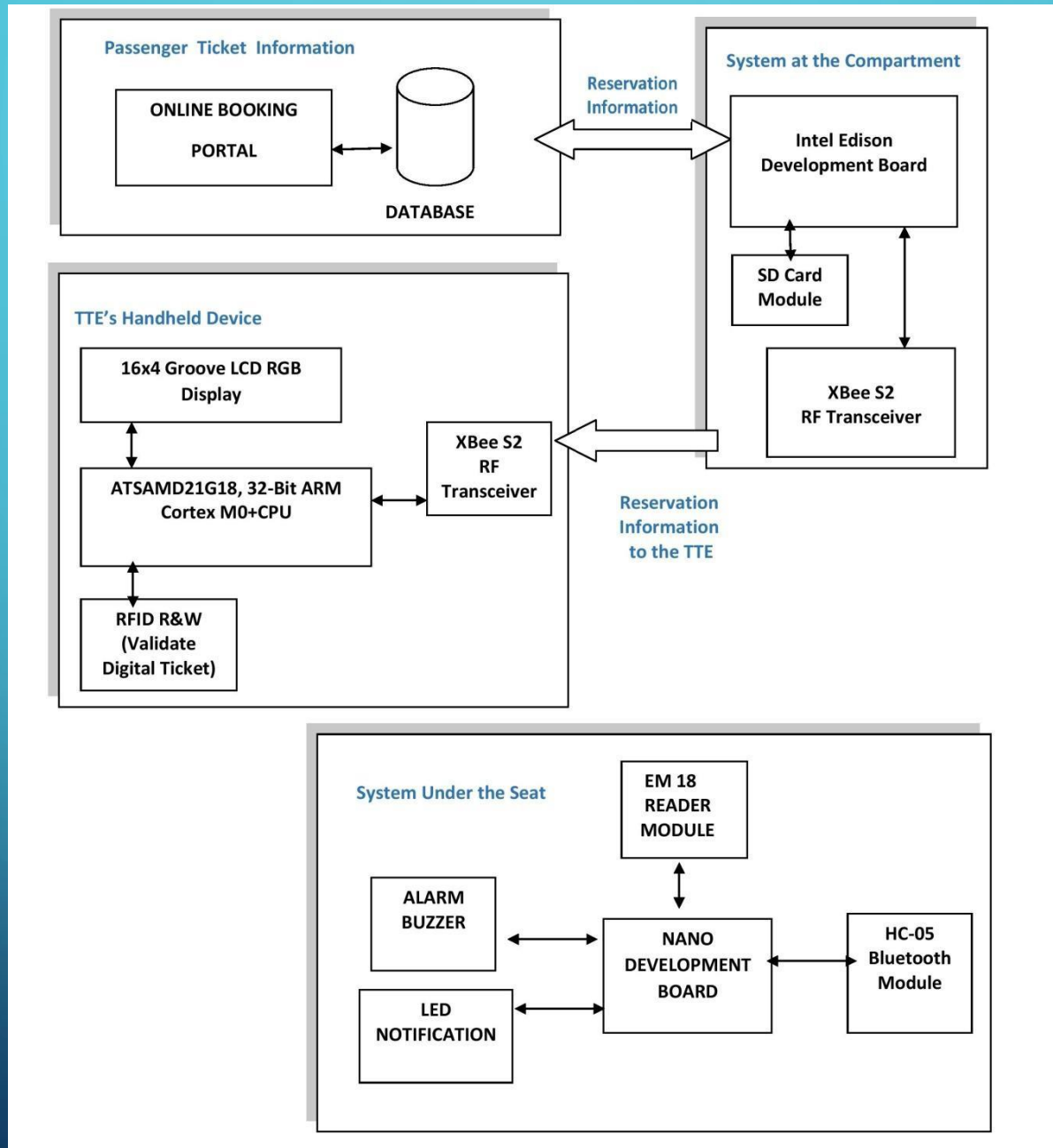# SECURITY UNIT – PICTORIAL REPRESENTATION
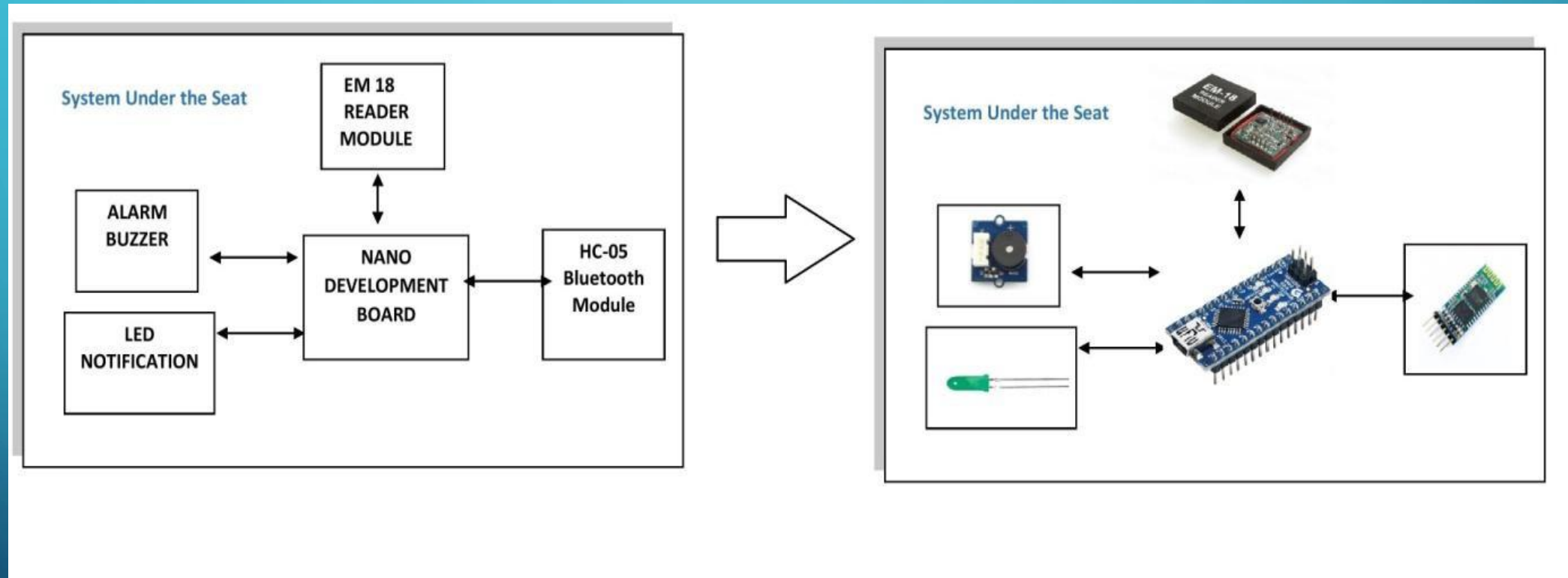
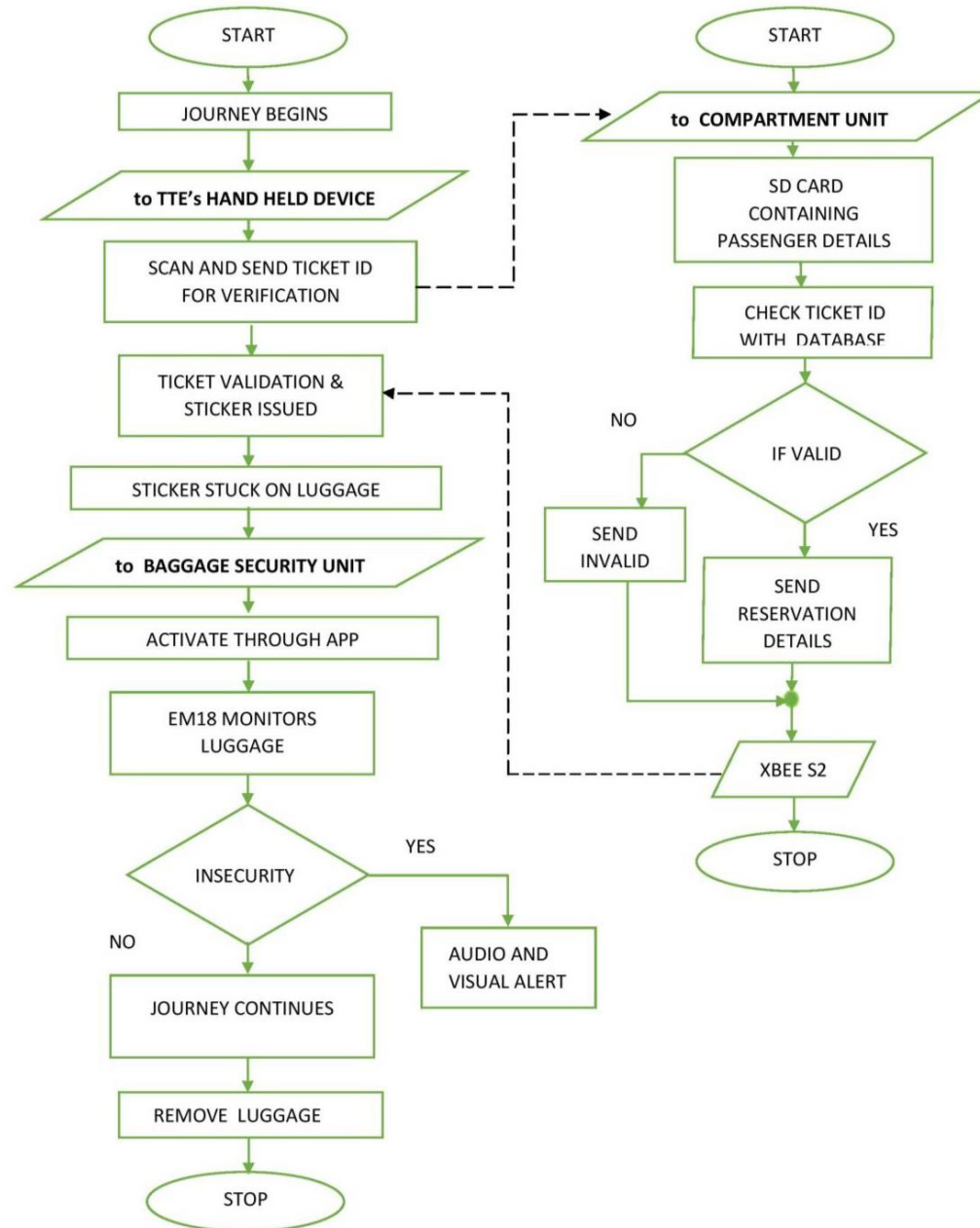# SECURITY UNIT – PICTORIAL REPRESENTATION

PROJECT DEMO

BLOCK DIAGRAM & EXPLANATION

LOGICAL FLOW DIAGRAM

SMARTPHONE APP

Scan & Connect to Unit	Scan Barcode or Manually Enter Tag ID	Scanning will Automatically Enter Tag ID	Activate Unit using Button with Power Symbol	Disconnect or Touch Power off Symbol while Leaving

THANK YOU

Excellence is a Continuous Process & not an accident
Dr. A.P.J.Abdul Kalam