

**FINAL PROJECT**

**HUMAN-LESS AUTOMATED BOARDING CARD  
MACHINE (HABC)**

**Muhammad Hasnain**

**14007001057**

**Muhammad Moees**

**14007001007**

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**Submitted to**

**Sir Captain Faiq Ahmed**

PS	471	TRIPOLI	11:15	11:15	1	B	683-803	BT
LH	564	LASOS	11:15	11:15	1	B	264-338	B12
BA	923	LONDON-HEATHROW	11:15	11:15	1	A	758-785	BT
AE	531	MISSISSAUGA	11:15	11:15	1	A		
WZ	1024	ORZESZO	11:15	11:15	1	C		
DE	2257	CA PALMA-LANZAROTE	11:15	11:15	1	C		

Terminal 1 **ABC** Terminal 2 **DE**  
 Abflug Departures  
 Departures will be announced

**Lufthansa Check-in**  
 mit oder ohne Gepäck  
 with or without baggage



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## **2. ABSTRACT**

### **Objective:**

The objective of our project is to minimize the man powers and to save time of passengers and airlines.

### **Material and Method:**

The self-service machines which can generate the boarding card automated for the passengers by just scanning the ticket one time.

### **Result:**

The result of installing this machine can save the time of passengers and airline as well as the space at airport which decreases the congestions at airport.

### **Conclusion:**

This machine can be one time costly but the interlinked system can save the time at the airport of passengers and airlines. This also reduce the congestion at airport.

### **3. EXECUTIVE SUMMARY:**

From the last years we have seen that the traffic load and the number of passengers have increased, so by this the congestion at the airport on many areas of the airport has been increased. So by seeing the entire current situation we are introducing a machine which can help to prevent to create more congestion at the airport. As we can see at the airport operations when the two or three flights get mixed can create so much rush which became difficult to handle for the airport staff.

Our project can bring technological enhancement at the airport. This can remove the congestion at the airport by removing man power at the receptions. It can save time of passengers and airlines the interlinked system of this machine is fast and efficient. By installing this machine the congested airports can avoid the congestion to get the boarding card. Our product is costly for one time but the benefits you get from this machine for many coming years.

To prevent the congestion and to avoid man power our machine can generate the boarding cards by just putting the ticket on scanner, the machine will punch it and the boarding card will be generated through this machine. For those who may have the ticket on email they can enter the ticket number to get the boarding card. By using this machine a passenger can get his boarding card in 10 to 12 seconds which is beneficial for the passenger as it is fatigueless and as well as the airlines. This machine can reduce the cost of the airline as they are giving salaries to their employees monthly. This project report gives the detailed information about the Human-less Automated Boarding Card Machine (HABC), the procedure of refilling the boarding card and its maintenance which can help to maximize the profit of the airlines.