

TKR COLLEGE OF ENGINEERING & TECHNOLOGY



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AIRPORT MANAGEMENT SYSTEM



BATCH MEMBERS


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ABSTRACT

❖ Research on the intersection of the areas of aviation and management information systems is sparse. In present conditions the activity of any enterprise is represented as a combination of operational processes . this paper reviews landside airport management Systems and who key the airport users are . it i s based on interviews and data collection at A number of representative airport across the united states. This paper represents a point of Departure or a reference for those researchers interested in a more in-depth study of airport Management system. It includes details such as passenger with fields such as name, address, Phone number and passport details which will be stored in database for verification.

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- Reservation details help in reserving seats for the passengers with other details such as date, flight no, code.
 - Airport or airline provides a service to transport passenger to other cities, also exhibit very particular economics.
 - The airport business is experiencing unprecedented change, they are undergoing global liberalisation and consolidation.
 - Today only 2 percent of the world's commercial airports are genuinely managed. While GDP doubled between 1970 and 2000, passengers traffic quadrupled.
 - Airport , aviation, management systems, landside, airline, quality indicators and flight safety
 - In airport management system we discuss about passengers , airlines, reservation, enquiry, departure date, address, booking, name, phone number, arrival and city name etc
 - All these information related to airport management system will be given there



Modules

1.passenger details

2.flight details

3.Ticket details

4.Staff details

5.Runway details

6.Notice board details

7.luggage details

ER DIAGRAM:





MODULE 1 : Passenger table

❖ The passenger table attributes are

- Passenger id
- Passenger name
- Passenger address
- Passenger mobile number
- Passenger email



MODULE 2 : Flight table

❖ The flight table attributes are

- Flight source
- Flight destination
- Flight arrival
- Flight departure
- No . of stops



MODULE 3 : Ticket table

❖ The ticket table attributes are

- Ticket id
- Passenger name
- source
- destination



MODULE 4 : Staff table

❖ The staff table attributes are

- Staff address
- Staff mobile
- Staff members name
- Staff member id



MODULE 5 : Runway table

❖ The runway table attributes are

- Runway details
- Occupied status
- Flight name
- Runway number



MODULE 6 : Noticeboard table

❖ The noticeboard table attributes are

- Flight id
- Flight name
- source
- destination



MODULE 7 : Luggage table

❖ The luggage table attributes are

- Luggage id
- Passenger id
- Flight id
- No . of luggages



TABLE 1: Passenger table

```
mysql> select * from passenger;
```

passenger_id	passenger_name	passenger_address	passenger_mobile	passenger_email
1	zoya	hyderabad	6545	zoya@gmail.com
2	riya	chennai	7689	riya@gmail.com
3	alex	vizag	8965	alex@gmail.com
4	marcus	delhi	9484	marcus@gmail.com

```
4 rows in set (0.00 sec)
```



TABLE 2:Flight table

```
mysql> select * from flight;
```

flight_source	flight_destination	flight_arrival	flight_departure	no_of_stops
---------------	--------------------	----------------	------------------	-------------

BOM	DFW	2:10	3:15	3
JFK	TPA	9:20	5:15	2
FRA	DEL	5:15	6:35	4
SFO	FRA	6:15	7:40	2

4 rows in set (0.00 sec)



TABLE 3: Ticket table

```
mysql> select * from ticket;
```

ticket_id	passenger_name	source	destination
123	zoya	BOM	DFW
456	riya	JFK	BOM
345	alex	IXC	IAH
678	marcus	JFK	TPA

```
4 rows in set (0.00 sec)
```




TABLE 4:Staff table

```
mysql> select * from staff;
```

staffmember_id	staffmember_name	staff_mobile	staff_address
123	zoya	6545	hyderabad
456	riya	7689	chennai
345	alex	8965	vizag
678	marcus	9484	delhi

4 rows in set (0.00 sec)



TABLE 5:Runway table

```
mysql> select * from runway;
```

runway_number	flight_name	occupied_status	runway_details
22	indigo	NO	123
24	kingfisher	YES	456
25	spicejet	YES	567
26	airindia	NO	789

```
4 rows in set (0.00 sec)
```



TABLE 6:Noticeboard table

```
mysql> select * from noticeboard;
```

```
+-----+-----+-----+-----+  
| flight_id | flight_name | source | destination |  
  
+-----+-----+-----+-----+  
| 1212 | indigo | BOM | DFW |  
| 3212 | kingfisher | JFK | BOM |  
| 4231 | spicejet | IXC | IAH |  
| 4352 | airindia | JFK | TPA |  
+-----+-----+-----+-----+
```

```
4 rows in set (0.00 sec)
```



TABLE 7:Luggage table

```
mysql> select * from luggage;
```

luggage_id	passenger_id	flight_id	no_of_luggages
245	1	1212	4
321	2	3212	3
413	3	4231	4
324	4	4352	5

4 rows in set (0.00 sec)

```
mysql>
```



CONCLUSION

This provides a computerized version airport management

System which will benefit the passenger as well as the staff.

I've learned a lot of things about database management system.

The airport management system has been an attempt to help

the user to minimise his workload along with minimising the

Paperwork and saving of time.

THE END

~THANK YOU!

An abstract geometric graphic on the right side of the slide. It features a series of dark gray, three-dimensional rectangular blocks arranged in a diagonal line from the top right towards the bottom right. Two blocks are highlighted: one is a light green color and the other is a bright blue color. The background is a dark navy blue.