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MINI PROJECT SYNOPSIS ON
“AIRLINES RESERVATION SYSTEM”

Submitted by

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INTRODUCTION:

The "Airlines Reservation System" has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and, in some cases, reduce the hardships faced by this existing system. Moreover, this system is designed for the particular need of the company to carry out operations in a smooth and effective manner. The application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus, by this all it proves it is user-friendly. Airlines Reservation System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus, it will help organization in better utilization of resources.

ABSTRACT

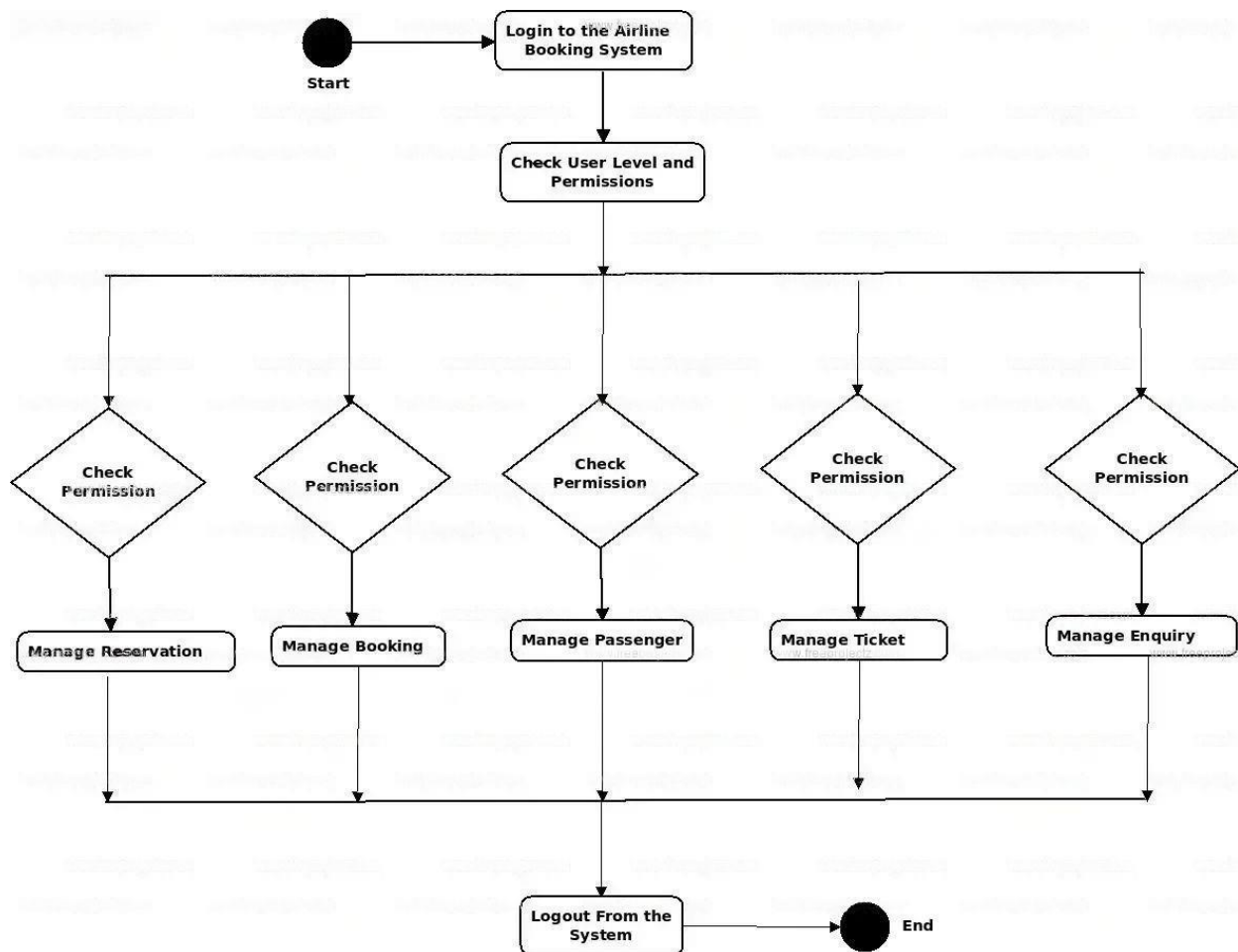
The purpose of Airlines Reservation System is to automate the existing manual system by the help of computerized equipment's and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with. Airlines Reservation System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus, it will help organization in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information.

OBJECTIVE

The main objective of the Project on Airlines Reservation System is to manage the details of Airlines Tickets, Flights, Bookings, Customers, Booking Counter. It manages all the information about Airlines Tickets, Vendors, Booking Counter, Airlines Tickets. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Airlines Tickets, Flights, Vendors, Bookings. It tracks all the details about the Bookings, Customers, Booking Counter

UML DIAGRAMS:

Activity UML Diagram:



REQUIREMENTS SPECIFICATIONS:

Functional Requirements:

- System needs store information about new entry of Airlines Tickets.
- System needs to help the internal staff to keep information of Flights and find them as per various queries.
- System needs to maintain quantity record.
- System needs to keep the record of Bookings.
- System needs to update and delete the record.
- System also needs a search area.
- It also needs a security system to prevent data.

Hardware and Software Requirements:

Hardware Requirements:

- Processor core i3
- Min hard Disk drive 500GB
- RAM 1GB

Software Requirements:

- Any windows-based OS with DOS support are primary requirement for Software development
- Min windows 7 is required
- The system must be connected to Internet

REFERENCES:

- <https://developer.flightstats.com/>
- <https://nodejs.org/en/docs/>
- <https://developer.mozilla.org/en-US/>

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