

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

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A Mini Project Report on

AIRLINE RESERVATION SYSTEM

*Submitted in partial fulfillment of the requirements as a part of the DBMS Lab for the V Semester of degree of **Bachelor of Engineering in Information Science and Engineering** of Visvesvaraya Technological University, Belagavi*

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CERTIFICATE

This is to certify that the Mini project report entitled ***AIRLINE RESERVATION SYSTEM*** has been successfully completed by **AMEY ADITYA ACHAR J** bearing USN **1RN17IS009**, presently V semester student of **RNS Institute of Technology** in partial fulfillment of the requirements as a part of the DBMS Laboratory for the award of the degree ***Bachelor of Engineering in Information Science and Engineering*** under **Visvesvaraya Technological University, Belagavi** during academic year 2019 – 2020. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The mini project report has been approved as it satisfies the academic requirements as a part of DBMS Laboratory for the said degree.

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DECLARATION

I, **AMEY ADITYA ACHAR J** [USN: **1RN17IS009**] student of V Semester BE, in Information Science and Engineering, RNS Institute of Technology hereby declare that the Mini project entitled ***Airline Reservation System*** has been carried out by me and submitted in partial fulfillment of the requirements for the *V Semester degree of **Bachelor of Engineering in Information Science and Engineering** of Visvesvaraya Technological University, Belagavi* during academic year 2019-2020.

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ABSTRACT

Automation is the motto of this fast moving world, and being able to do anything from anywhere is the luxury this generation has provided. Airline Reservation system which evolved in Computer reservation system is used for reservation of a particular airline. It interfaces with Global Distribution System (GDS) which support travel agencies and other distribution channels in making reservation for major airlines in a single system. Airline reservation systems incorporate airline schedules, fare tariffs, passenger reservations and ticket records. This project aims at demonstrating the working of these systems with the above mentioned services highly comparable to their real-world implementations.

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ABBREVIATIONS

API	-	Application Programming Interface
ARS	-	Airline Reservation System
CGI	-	Common Gateway Interface
CRS	-	Computer Reservation System
CSS	-	Cascading style sheets
DBMS	-	Database Management System
ER	-	Entity Relationship
GDS	-	Global Distribution System
GPL	-	General Public License
HTML	-	Hypertext Markup Language
HTTP	-	Hypertext Transfer Protocol
IATA	-	International Air Transport Association
ID	-	Identification
JS	-	JavaScript
MVD	-	Multi Valued Dependency
PHP	-	PHP Hypertext Preprocessor
SQL	-	Structured Query Language
TB	-	Terabyte