A

Project Report

on

**Foundation Management System**

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**CERTIFICATE**

This is to certify that the project entitled “**Foundation Management System**” is a bonafied report of the work carried out by

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**ACKNOWLEDGEMENT**

We would like to give our sincere acknowledgement to everybody responsible for the successful completion of our project “OMNILIB”.

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**1.SYSTEM OVERVIEW**

**1.1 CURRENT SYSTEM**

* OMNILIB is engineered to help people locate libraries or their favourite books in India. A person can get registered to the system via the Login portal and select the membership types offered to them and avail the benefits.
* OMNILIB has two types of users: 1) Admins, 2) Users. An Admin can administer his books in his library and can keep a track of the return or issuing dates of the books. The Users can search the books they need and put hold on those books which they will issue physically at the libraries they attend to, Users are given merit points by the Admins based on their loyalty and User is also allowed to give feedback on or about the books and libraries.

**1.2 OBJECTIVES OF THE PROPOSED SYSTEM**

* Automate and facilitate process of searching for books in your locality.
* Unified system for Return/Issue for holding a particular book
* Ease of access for Users and Admins

**1.3 ADVANTAGES OF THE PROPOSED SYSTEM**

Through this system we try to achieve the below objectives

* Reducing the managing/accessing time for the users and the admins
* Reduces time for the users looking for particular genres , they can sift through the books easily
* Helps reduce Library funds towards employment thus allowing minimal management
* Allows a user to extend his return date/ re-issuing of the book online
* Admins can track users favourite genres

**6.FUTURE ENHANCEMENTS OF THE SYSTEM**

This system aspires to advance in the following areas:

* Graphical User Interface(GUI) for the ease of access
* Security of the current Database System
* Recommendation system : which will recommend users books according to their past purchases or views
* Allow users to change cities without hassle by just simply changing their city\_id in their E-card and new libraries will be available to them
* Allow delivery of the rented books to the users
* Advance into E-books category
* Aspires to increase the employment rate

**7.BIBLIOGRAPHY**

* For the successful implementation of this project we referred to many websites and books.
* The schema was designed by taking ideas from website of election commission of india.
* We created the ER Diagram on “ERDPlus.com” and Schema Diagram on “PgAdmin4”.
* Mostly we referred the online material for syntax of procedures, triggers, Exception and cursors.

**Reference book: Data Base System Concepts -Henry F. Korth & A. Silberschatz 2nd Ed. McGraw-Hill 1991**

**Reference Websites:**

* www.ERDplus.com/help