A Project Report on

Library Management System
Database Management System
Laboratory (IT-552)

Submitted to the Department of Information Technology

**For the partial fulfillment of the course Database
Management System Lab. (IT-552) in
Information Technology**

By

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CERTIFICATE

This is to certify that the work presented in this report entitled "**Library Management System Database Project**", submitted by Rajat Kumar Agarwal, having the examination roll number 111308038, has been carried out under my supervision for the partial fulfillment of the course **Database Management System Lab. (IT-552)** in Information Technology during the session 2013-17 in the Department of Information Technology, Indian Institute of Engineering Science and Technology, Shibpur.

[signature] 12/2/2016

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ABSTRACT

Library management system is a project which aims in developing a computerized system to maintain all the daily work of library .This project has many features which are generally not available in normal library management systems like facility of user login and a facility of teachers login .It also has a facility of admin login through which the admin can monitor the whole system .It also has facility of seeing fine where teachers , student can see information about fines and books being held by them It has also a facility where student after logging in their accounts can see list of books issued and its issue date and return date and also the students can request the librarian to add new books by filling the book request form. The librarian after logging into his account i.e. admin account can generate various reports such as student report , issue report, teacher report and book report Overall this project of ours is being developed to help the students as well as staff of library to maintain the library in the best way possible and also reduce the human efforts.

The key features of this project are as follows:-

-Student and Faculty both can issue the books.

-Different book limits for different User (Faculty or Student) for issuing the books and also no. of days will be different for different user for keeping the books.

-Each book will have different ID. Also each book with same author and same name but have different ids.

-Entry of all book will be done who issue the book when and also the duration.

-Details of fine is also stored, Different rate of fine for different User.