https://www.readymadeproject.com
info@readymadeproject.com
ajprofessionals@gmail.com
+91-9920329254, 022-285504228

Project ID : **1193**

Project Name : **Design and development of Library Management System**

Project Type : **Systems/IT**

Project Link : https://www.readymadeproject.com/FullProjectDetail?id=338

: https://www.readymadeproject.com/QuickPay?id=338&type=mba

Project Report Table of Content

CHAPTER I – INTRODUCTION 7
Introduction 7
Problem Definition 8
Object of the Study 8
Scope of Project 9
Limitation of Study 12
CHAPTER 2 – RESEARCH METHODOLOGY 13
CHAPTER 3 – THEORETICAL BACKGROUND 19
Library Management System Requirements Summary 19
Business Requirements 19
User Requirements 19
Operational Requirements 20
Literature Review 20
High Level Solution Architecture 22
Data Flow and Process Flow Chart 23
User Profiles 24
Usage Summary 25
Software and Hardware Requirement 26
General Requirement for Server/Client: 26
Development Tools and Technologies 26
Front End 27
Back End 27
Development Environment 28

Design Goals and Constraints 29
System Requirement and Specification SRS 30
Use Case - Manage Users 32
Use Case - Manage Members 35
Use Case - Issue Book 36
Use Case - Receive Book 39
Library Management System Data Dictionary 41
1. LIB_USER 41
2. LIB_MEM_MASTER 42
3. LIB_BOOK_CATEGORY 43
4. LIB_BOOK_MASTER 44
5. LIB_TRANSACTION 45
Library Management System ER Diagram 46
Library Management System DFD (Data Flow Diagram) 46
Context Level DFD 47
0 Level Data Flow Diagram 48
1 Level Data Flow Diagram 49
Project Planning and Scheduling 50
Planning 50
User Interfaces 50
Scheduling 52
Gantt chart: 53
PERT chart: 54
CHAPTER IV – SYSTEM DESIGN AND INTERFACE 55
Library Management System : Login 55
Library Management System : Main Screen 56
Library Management System : User Master 57
Library Management System : Change Password 58
Library Management System : Book Master 59
Library Management System : Search Book 60
Library Management System : Book Status 61
Library Management System : MemberMaster 62
Library Management System : Search Member 63
Library Management System : Issue Book 64

Library Management System : Receive Book 65
Library Management System : Transaction Report 66
CHAPTER V – FINDINGS AND OBSERVATION 67
Test Scope 67
Test Strategy 68
Preconditions 68
Test Priorities 69
Test Techniques 69
Test Organization roles and responsibilities 70
Test Result Deliverables 70
Test Environment hardware and software 70
Application Configuration 71
Test Management 72
Testing Schedules 72
Threats to Testing 72
Library Management System Test Case and Test Result 73
Description 73
Test Actions 73
Test Cases 73
Description 75
Test Actions 75
Test Cases 75
Description 76
Test Actions 76
Test Cases 76
CHAPTER VI – CONCLUSION AND SUGGESTION 78
BIBLIOGRAPHY 79
Websites 79
Books 79

Project Synopsis Table of Content

INTRODUCTION **3**

Scope of the study 4

Master and Security module 4

Transaction module 6

Problem Statement 7

Goal and objective of project 8

SRS – System Requirement Summary **9**

Requirements Summary 9

Business Requirements 9

User Requirements 9

Operational Requirements 10

Usage Summary 11

Software and Hardware Requirement **12**

General Requirement for Server/Client: 12

Front End 13

Back End 13

Development Environment 14

Research Methodology **14**

Literature Review **15**

Readymade Project

Please contact **R. M. Solution**. **+91-9920329254**, **+91-22-28550428**

✉ : info@readymadeproject.com or ajprofessionals@gmail.com

https://www.readymadeproject.com

** Project and synopsis file will be sent in editable MS Word format.

** This is readymade project, for new unique, plagiarism free project order, please visit https://www.readymadeproject.com/TrainingAndDevelopment