

SIA TechLink

(IT Development Division)

The S.I.A. College of Higher Education, Dombivli (E)

Project Name	SIA-Granthalaya - Phase 1			
Guide Name	K.V Ranganathan, Vignesh Iyer, Sandhya Thakkar			
Background	The web application manages and stores books information electronically according to students need. The system helps both students and library manager to keep a constant track of all the books available in the library			
Objectives	<p>a) To build a system that can receive input and generate automatically output in easy way and short time.</p> <p>b) To build a monitoring system that is able to monitor and manage all library operations efficiently.</p> <p>c) Give an opportunity to librarians to reduce mistakes that always happen during manual method.</p> <p>d) To store properly the library items in order to maintain their security.</p> <p>e) To enter and preserve details of the various issues and keep a track on their returns.</p>			
Scope of Work	<ol style="list-style-type: none"> 1. Create distinct product users based on their roles and permissions. 2. Authenticate users at their login. 3. Provide the list of books the users can borrow. 4. Facility to reserve books that are available. 5. A status page for all users to view books reserved by them. 6. Facility to cancel the reservation for a book made earlier. 7. A status page for all users to view books borrowed by them, their individual due dates and their individual penalties if any. 8. An interface to view and edit the own profile. 9. Provide method for adjusting account settings such as passwords. 10. Mechanism to reset the password in case user forgets it. 11. Providing interface for teaching and non-teaching staffs. 			
Key Stake Holders				
Client	Mrs.Bharathi Rao, Head Librarian, The S.I.A.College of Higher Education,Dombivli(East)			
Project Manager	Sandhya Kapil Thakkar			
TimeFrame				
Modules	Description of Work			
Module 1	Login facilities to Administrator and Librarian			
Module 2	Bar Code Generaton, classwise barcodes and individual barcodes			
Module 3	Issue and Return Books ,Update Book Details(Add,update,delete)			



SIA TechLink

(IT Development Division)

The S.I.A. College of Higher Education, Dombivli (E)



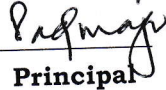
Module 4	Fine calculation, DashBoard for Reporting(daily, monthly, yearly)			
Module 5	Return Delays of Books, History of Books issued by students , classwise reports, coursewise report			

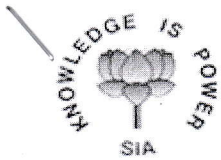


SIA TechLink

(IT Development Division)

The S.I.A. College of Higher Education, Dombivli (E)

Technology Used	Front End: JSP and Servlet, AJAX and JDK 8.0 Back End: MYSQL Web Page Design: HTML, JavaScript, CSS Web Server: Apache Tomcat Web Server		
Hardware	Processor: Intel® Core™ i5-6400CPU, RAM: 8GB, System type: 64bit OS		
Project Members Details			
Class	Name	Roll No.	Contact Nos.
SYIT	Abhishek Mankar	IF16026	9769496342
SYIT	Bhavesh Narang	IF16034	8655799059
SYIT	Darshan Naik	IF16032	9167452958
SYIT	Samar Singh	IF16056	8291237785
SYIT	Utkarsh Kamble	IF16020	8419903908
			
 Client	 Principal	Project Manager	



SIA TechLink

(IT Development Division)

The S.I.A. College of Higher Education, Dombivli (E)

Project Name	SIA-Granthalaya - Phase II (Updated)			
Guide Name	K.V Ranganathan, Vignesh Iyer, Sandhya Thakkar			
Background	The web application manages and stores books information electronically according to students need. The system helps both students and library manager to keep a constant track of all the books available in the library			
Objectives	<p>a) To build a system that can receive input and generate automatically output in easy way and short time.</p> <p>b) To build a monitoring system that is able to monitor and manage all library operations efficiently.</p> <p>c) Give an opportunity to librarians to reduce mistakes that always happen during manual method.</p> <p>d) To store properly the library items in order to maintain their security.</p> <p>e) To enter and preserve details of the various issues and keep a track on their returns.</p>			
Scope of Work	<ol style="list-style-type: none"> 1. Create distinct product users based on their roles and permissions. 2. Authenticate users at their login. 3. Provide the list of books the users can borrow. 4. Facility to reserve books that are available. 5. A status page for all users to view books reserved by them. 6. Facility to cancel the reservation for a book made earlier. 7. A status page for all users to view books borrowed by them, their individual due dates and their individual penalties if any. 8. An interface to view and edit the own profile. 9. Provide method for adjusting account settings such as passwords. 10. Mechanism to reset the password in case user forgets it. 11. Providing interface for teaching and non-teaching staffs. 			
Key Stake Holders				
Client	Mrs.Bharathi Rao, Head Librarian, The S.I.A.College of Higher Education,Dombivli(East)			
Project Manager	Sandhya Kapil Thakkar			
TimeFrame				
Modules	Description of Work			
Module 1	Student Promotion : Promotion of students (Should be connected to e-sanchalan Server)			



SIA TechLink

(IT Development Division)

The S.I.A. College of Higher Education, Dombivli (E)

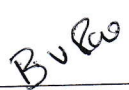
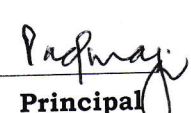

Module 2	e-Resource Uploading : Option for Uploading and accessing e-Resources like Option for uploading and to accessing the Question papers, E books and E journals in software			
Module 3	Update /Edit Options of important pages			
Module 4	Report Genration in Excel : Request details should be exported to excel			
Module 5	Option for Overdue Books in Menu : Option to send messages for overdue books through email			
Module 6	From and To Options : From and To Option should be added wherever it is necessary (For eg July 2019 to June 2020, while calculating total expenditure on books			
Module 7	Linking the Photos of the User on User Profile			
Module 8	New Arrival Entry : Magazine and Journals Entry (order, receiving entry, renewal notice etc)			
Module 9	OPAC -Books Catalogue : (Reference Books : Subject wise)			



SIA TechLink

(IT Development Division)

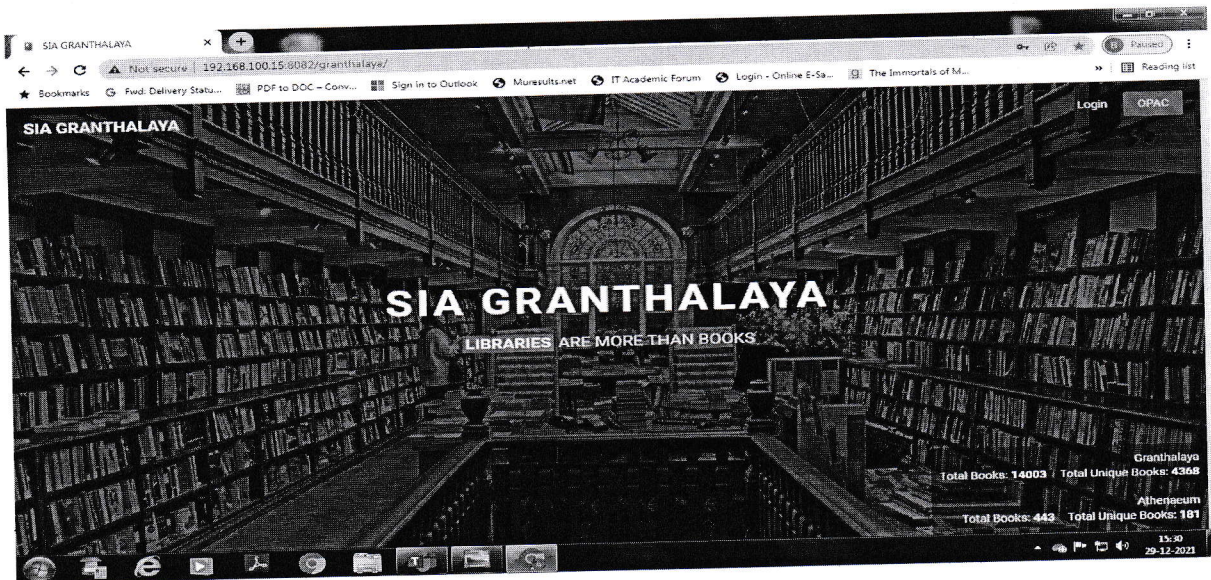
The S.I.A. College of Higher Education, Dombivli (E)

Technology Used	Front End: JSP and Servlet,AJAX and JDK 8.0 Back End: MYSQL Web Page Design: HTML, JavaScript,CSS Web Server: Apache Tomcat Web Server		
Hardware	Processor: Intel® Core™ i5-6400CPU, RAM: 8GB, System type: 64bit OS		
Project Members Details			
Class	Name		
TYIT	Sameer Bidi		
TYIT	Sarvesh Gandhare		
Approval Signatures			
 <hr/> Client	 <hr/> Principal	 <hr/> Project Manager	

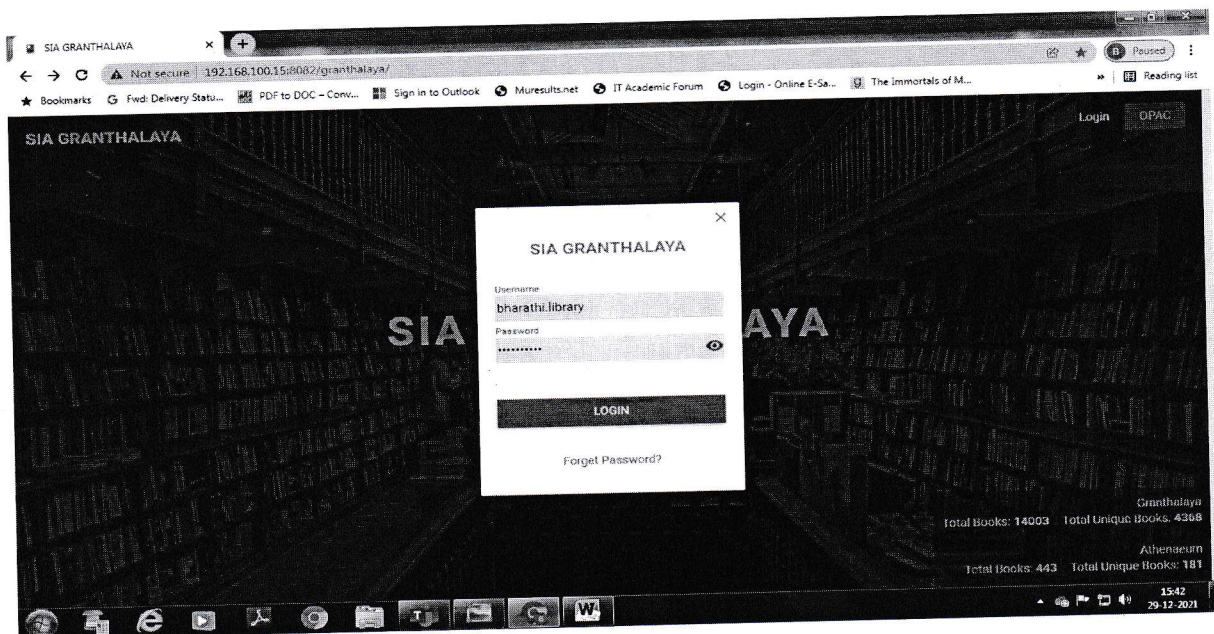
The South Indian Association's
The S.I.A. College of Higher Education
Affiliated to University of Mumbai
Accredited B+ by NAAC
P-88, MIDC Residential Area Dombivli Gymkhana Road,
Near Balaji Mandir, Dombivli (East), 421203.

SIA GRANTHALAYA- INTEGRATED LIBRARY MANAGEMENT SYSTEM (ILMS)

1. HOME PAGE



2. Admin Login



3. Admin Dashboard

DASHBOARD

01-06-2020 - 30-06-2021 **DAILY** **STUDENT** **ALL**

ISSUED 491	RETURNED 987	₹ FINE 4010	OVERALL REPORTS 1-6-2020 - 30-6-2021
----------------------	------------------------	-----------------------	--

Issued Books (2021)

Month	Issued Books
Jan	100
Feb	250
Mar	150
Apr	100
May	100
Jun	100
Jul	100
Aug	100
Sep	100
Oct	100
Nov	200
Dec	700

INSTANT REQUESTED BOOKS

SEARCH **GENERATE UNIQUE CODE**

Book Name	Student Name	Cancel Time	Book Code	Student ID	Action
No Data Found					

4. E Books

The screenshot shows the SIA GRANTHALAYA EBooks interface. The left sidebar contains navigation options: DASHBOARD, STUDENT REQUESTS, INSTANT REQUESTS, TEACHER REQUESTS, STUDENT OLD REQUESTS, TEACHER OLD REQUESTS, STUDENT ISSUE, STUDENT RETURN, TEACHER ISSUE, and TEACHER RETURN. The main content area displays a table of EBooks with columns: Name, Subject, Course, Format, Uploaded By, and Status. A search bar and a filter dropdown (E-BOOK) are at the top. The table lists several books, including 'INTRODUCTION TO SOFTWARE TESTING BY PAUL AMMANN AND JEFF OFFUTT.pdf', 'ITIL V3 FOUNDATION COMPLETE CERTIFICATION KIT 2009 EDITION.pdf', 'HTML AND JAVASCRIPT FOR VISUAL LEARNERS (VISIBOOKS).pdf', 'THE COMPLETE REFERENCE INFORMATION SECURITY BY MARK RHODES OUSLEY.pdf', 'BEGINNING LINUX PROGRAMMING BY NEIL MATHEW AND RICHARD STONES.pdf', 'MARKETING MANAGEMENT BY DR. K KARUNAKARAN.pdf', and 'ITIL SERVICE DESIGN.pdf'.

<input checked="" type="checkbox"/>	Name	Subject	Course	Format	Uploaded By	Status
<input type="checkbox"/>	INTRODUCTION TO SOFTWARE TESTING BY PAUL AMMANN AND JEFF OFFUTT.pdf	SOFTWARE TESTING	ALL	E-Book	bharathi.library	active
<input type="checkbox"/>	ITIL V3 FOUNDATION COMPLETE CERTIFICATION KIT 2009 EDITION.pdf	ITIL	ALL	E-Book	bharathi.library	active
<input type="checkbox"/>	HTML AND JAVASCRIPT FOR VISUAL LEARNERS (VISIBOOKS).pdf	WEB TECHNOLOGY	ALL	E-Book	bharathi.library	active
<input type="checkbox"/>	THE COMPLETE REFERENCE INFORMATION SECURITY BY MARK RHODES OUSLEY.pdf	INFORMATION SECURITY	ALL	E-Book	bharathi.library	active
<input type="checkbox"/>	BEGINNING LINUX PROGRAMMING BY NEIL MATHEW AND RICHARD STONES.pdf	LINUX ADMINISTRATION	ALL	E-Book	bharathi.library	active
<input type="checkbox"/>	MARKETING MANAGEMENT BY DR. K KARUNAKARAN.pdf	MARKETING MANAGEMENT	ALL	E-Book	bharathi.library	active
<input type="checkbox"/>	ITIL SERVICE DESIGN.pdf	ITIL	ALL	E-Book	bharathi.library	active

5. E Journals

The screenshot shows the SIA GRANTHALAYA EBooks interface with the filter set to E-JOURNAL. The left sidebar contains navigation options: STUDENT ISSUE, STUDENT RETURN, TEACHER ISSUE, TEACHER RETURN, BARCODE, STUDENTS, EDIT STUDENT USER, TEACHERS, UPDATE TEACHERS, BOOK DETAILS, BOOKS, and UPDATE BOOKS. The main content area displays a table of EBooks with columns: Name, Subject, Course, Format, Uploaded By, and Status. The table lists several e-journals, including 'FEBRUARY 2015.pdf', 'MARCH 2016.PDF', '31 Oct - 6 Nov 2020.pdf', '3-9 July 2021.pdf', 'APRIL 2018.PDF', 'NOVEMBER 2016.PDF', and 'JULY 27 - 2 August 2019.pdf'.

<input checked="" type="checkbox"/>	Name	Subject	Course	Format	Uploaded By	Status
<input type="checkbox"/>	FEBRUARY 2015.pdf	RESERVE BANK OF INDIA BULLETIN	ALL	E-Journal	bharathi.library	active
<input type="checkbox"/>	MARCH 2016.PDF	RESERVE BANK OF INDIA BULLETIN	ALL	E-Journal	bharathi.library	active
<input type="checkbox"/>	31 Oct - 6 Nov 2020.pdf	INSUNEWS NEWSLETTER	ALL	E-Journal	bharathi.library	active
<input type="checkbox"/>	3-9 July 2021.pdf	INSUNEWS NEWSLETTER	ALL	E-Journal	bharathi.library	active
<input type="checkbox"/>	APRIL 2018.PDF	RESERVE BANK OF INDIA BULLETIN	ALL	E-Journal	bharathi.library	active
<input type="checkbox"/>	NOVEMBER 2016.PDF	RESERVE BANK OF INDIA BULLETIN	ALL	E-Journal	bharathi.library	active
<input type="checkbox"/>	JULY 27 - 2 August 2019.pdf	INSUNEWS	ALL	E-Journal	bharathi.library	active

6. Question Papers

The screenshot shows the 'EBOOKS' management page in the Bharathi Library system. The page includes a search bar, a 'QUESTION PAPER' filter, and a table listing various question papers. The table columns are Name, Subject, Course, Format, Uploaded By, and Status.

Name	Subject	Course	Format	Uploaded By	Status
NOV 2017.pdf	PRINCIPLES OF MANAGEMENT	FYB&I	Question Paper	bharathi library	active
APRIL 2019 (REGULAR).pdf	QUANTITATIVE METHODS II	FYB&I	Question Paper	bharathi library	active
OCT 2018 (ATKT).pdf	ORGANIZATIONAL BEHAVIOUR	FYB&I	Question Paper	bharathi library	active
MARCH 2019 (ATKT).pdf	FINANCIAL ACCOUNTING I	FYB&I	Question Paper	bharathi library	active
MARCH 2019 (ATKT).pdf	PRINCIPLES OF MANAGEMENT	FYB&I	Question Paper	bharathi library	active
OCT 2018 (ATKT).pdf	QUANTITATIVE METHODS II	FYB&I	Question Paper	bharathi library	active
MARCH 2019 (ATKT).pdf	FYBMS	FYB&I	Question	bharathi library	active

7. Book Records

The screenshot shows the 'BOOK RECORDS' page in the Bharathi Library system. The page includes a search bar, date filters (01-08-2010 to 29-12-2021), and a 'DAILY' filter. The table displays book statistics across different streams.

Stream	Unique Count	Available	Lost	Discarded	TextBooks	Reference
ALL	694	716	0	0	2	714
FYB&I	256	849	1	95	866	79
SYB&I	264	641	0	289	864	66
TYB&I	188	642	0	7	602	47
FYIT	261	571	0	119	524	166
SYIT	225	530	0	29	375	184
TYIT	254	425	0	0	127	298
FYBMS	442	1309	1	239	1445	104
SYBMS	424	991	0	164	984	171
TYBMS	402	899	0	70	884	135
FYB&I	252	1855	0	95	1933	17

SIA GRANTHALAYA

Not secure | 192.168.100.15:8082/granthalaya/librarian_module/bookrecords.jsp

Bookmarks | Fwd: Delivery Stabu... | PDF to DOC - Conv... | Sign in to Outlook | Muresults.net | IT Academic Forum | Login - Online E-Sa... | The Immortals of M... | Reading list

SIA GRANTHALAYA

- DASHBOARD
- STUDENT REQUESTS
- INSTANT REQUESTS
- TEACHER REQUESTS
- STUDENT OLD REQUESTS
- TEACHER OLD REQUESTS
- STUDENT ISSUE
- STUDENT RETURN
- TEACHER ISSUE
- TEACHER RETURN

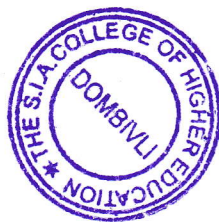
BOOK RECORDS BHARATHILIBRARY

FYBCOM	252	1855	0	95	1933	17
SYBCOM	267	1411	0	61	1425	47
TYBCOM	212	1020	0	19	1018	21
FYBMM	62	266	0	0	253	13
MSCIT-I	18	30	0	0	1	29
SYBMM	36	150	0	0	142	8
FYBAF	27	181	0	0	180	1
MSCIT-II	4	7	0	0	0	7
TYBMM	38	103	0	0	87	16
SYBAF	26	120	0	0	120	0
TYBAF	16	98	0	0	98	0
Total	4368	12814	2	1187	11880	2123

SIA GRANTHALAYA

16:10 29-12-2021

B.V. Rao
Librarian



Pudungu
Principal
PRINCIPAL
The S.I.A. College of Higher Education
DOMBIVLI (E)