

ROUGH RECORD

BOOK CYCLING SYSTEM

MIDHUN MK(KMC18MCA007)

RISMIN MT(LKMC18MCA032)

1)USER STORY

SL no.	As a <type of user>	I want to <perform some task>	So that i can <achieve some goals>
1	Admin	Home page	Home page for Admin
2	Admin	Login	Access the system
3	Admin	Add librarian and library	Add library and assign librarian
4	Admin	Add category	Add categories of book
5	Librarian	Home page	Home page for librarian
6	Librarian	Login	Access system
7	Librarian	Add and manage users	Add and manage users
8	Librarian	Add books	Add books to the library
9	Admin	View books	View books
10	Admin	View users	View users list
11	User	Home page	Home page for user
12	User	Login	Access the system
13	User	View libraries and books	View libraries and books
14	User	Request	Request for books
15	Librarian	View request	View request from user
16	Librarian	Issue due and renew date	Issue due and renew date for books
17	User	Donate books	Donate books to the library
18	Librarian	Add donated books	Add donated books to the library

19	User	Lend books	Lend books to the library
20	User	Hand in lend books	Hand in lend books to other users
21	Librarian	View lend books	View lend book list
22	User	Send message	Send message to the librarian
23	Librarian	Reply to the message	Reply to the message
24	Librarian	Send reminder	Send reminder
25	User	Get reminder	Get reminder about the due date
26	Librarian	Report generation	Generate report
27	Librarian	Manage fines	Send reminder about fines
28	User	View fines details	View fine details
29	User	Send message	Communication with other users

2)PRODUCT BACKLOG

Us er Sto ry id	Priority <high/med ium /low>	Size (ho urs)	Spr int	Status <planne d/in process /complet ed>	Release date	Release goal
1	High	11	1	Comple ted	29-9-2020	Home page for Admin
2	Low	8		Comple ted	1-10-2020	Access the system
3	High	10		Comple ted	3-10-2020	Add library and assign librarian
4	Low	8		Comple ted	4-10-2020	Add categories
5	High	11		Comple ted	5-10-2020	Home page for librarian

6	Medium	9		Completed	6-10-2020	Access system
7	High	10		completed	8-10-2020	Add and manage users
8	High	10		Completed	9-10-2020	Add books to the library
9	Low	8	2	Completed	12-10-2020	View and search books
10	High	12		Completed	13-10-2020	View users list
11	High	10		Completed	15-10-2020	Home page for user
12	High	11		Processing	17-10-2020	Access the system
13	High	11		Planned	18-10-2020	View Libraries and books
14	High	10		Planned	19-10-2020	Request for books
15	High	11		Planned	20-10-2020	View request from user

16	Medium	9		Planned	21-10-2020	Issue due and renew date of books
17	High	12		Planned	22-10-2020	Donate books to library
18	High	10		Planned	24-10-2020	Add donated books to the library
19	High	10		Planned	26-10-2020	Lend books to the library
20	Medium	9	3	Planned	27-10-2020	Hand in lend books to other user
21	High	11		Planned	28-10-2020	View lend book list
22	High	12		Planned	29-10-2020	Send message to library
23	High	10		Planned	30-10-2020	Reply to the message
24	High	11		Planned	2-11-2020	Send reminder

25	High	10		Planned	3-11-2020	Get reminder about due date
26	High	12		Planned	5-11-2020	Generate report
27	High	11		Planned	6-11-2020	Send reminder about fines
28	High	11		Planned	7-11-2020	View fine details
29	Low	8		Planned	8-11-2020	Communication with others

3)SPRINT BACKLOG

Sprint 1

Backlog item	Completion date	Original estimate Hour	Day 1 (28-9-2020)	Day 2 (29-9-2020)	Day 3 (30-9-2020)	Day 4 (1-10-2020)	Day 5 (2-10-2020)	Day 6 (3-10-2020)	Day 7 (4-10-2020)	Day 8 (5-10-2020)	Day 9 (6-10-2020)	Day 10 (7-10-2020)	Day 11 (8-10-2020)	Day 12 (9-10-2020)	Day 13 (10-10-2020)	Day 14 (11-10-2020)
User story 1																
Form design	28-09-2020		2													
Table creation	28-09-2020		2													
Coding	29-09-2020		2	3												
Testing	29-09-2020			2												
User story 2																
Form design	29-09-2020			1												
Table creation	29-09-2020			3												
Coding	30-09-2020				2											
Testing	30-09-2020				2											
User story 3																

Form design	30-09-2020				2											
Table creation	01-10-2020				1	1										
Coding	01-10-2020					4										
Testing	02-10-2020					1	1									
User story 4																
Form design	02-10-2020						2									
Table creation	02-10-2020						1									
Coding	03-10-2020						2	1								
Testing	03-10-2020							2								
User story 5																
Form design	03-10-2020							2								
Table creation	03-10-2020							2								
Coding	04-10-2020								4							
Testing	04-10-2020								3							
User story 6																
Form	04-10-2020								1							

design																
Table creation	05-10-2020									1						
Coding	06-10-2020									5						
Testing	06-10-2020									2						
User story 7																
Form design	07-10-2020										2					
Table creation	08-10-2020										2					
Coding	08-10-2020										2	3				
Testing	09-10-2020											3				
User story 8																
Form design	10-10-2020											2				
Table creation	10-10-2020												2			
Coding	11-10-2020												4			

Sprint 2

[illegible]

design																
Table creation					1											
Coding					2	1										
Testing						2										
User story 12																
Form design						2										
Table creation						3										
Coding							4									
Testing							3									
User story 13																
Form design							2									
Table creation							1	1								
Coding								4								
Testing								1	1							
User story 14																
Form design									2							

Table creation									1							
Coding									2	3						
Testing										3						
User story 15																
Form design										2						
Table creation										2						
Coding											4					
Testing											3					
User story 16																
Form design											1					
Table creation												2				
Coding												5				
Testing												2				
User story 17																
Form design													1			
Table creation													2			

[illegible]

Sprint 3

[illegible]

Table creation					2											
Coding						4										
Testing						3										
User story 23																
Form design						2										
Table creation						1	1									
Coding							4									
Testing							1	1								
User story 24																
Form design								1								
Table creation								1								
Coding								2	3							
Testing									3							
User story 25																
Form design									2							
Table creation									2							

[illegible]

[illegible]

4) UI & TABLE DESIGN

1)Library books

No.	Name	Type	Constraint s	Description
1	Book_id	Int(10)	Primary key	Book id
2	Book_name	Varchar(45)	Not null	Book title
3	Publication	Varchar(40)	Not null	Publication name
4	author	Varchar(40)	Not null	Author name
5	price	Int(10)	Not null	Price of book

6	edition	Varchar(10)	Not null	Edition of book
7	Category_id	Int(10)	Foreign key	Category id
8	status	Varchar(20)	Not null	Status of the book
9	description	Varchar(60)	Not null	Description about book
10	copies	Int(5)	Not null	No.of copies of book
11	Year_publication	Varchar(20)	Not null	Year of publication

2) Login (admin, librarian)

No.	Name	Type	Constraints	Description
1	id	Int(10)	Primary key	Id
2	username	Varchar(20)	Not null	User name
3	password	Varchar(10)	Not null	Password
4	utype	Varchar(20)	Not null	Type of user

3) Lend books

No.	Name	Type	Constraint s	Description
1	id	Int(10)	Primary key	id
2	isbn	Int(13)	Foreign key	ISBN of book
2	user_id	Int(5)	Foreign key	User id
4	lending_date	Varchar(20)	Not null	Lending date
5	return_date	Varchar(20)	not null	Return date
7	status	Varchar(20)	Not null	Status of the book

4)Book_request

No.	Name	Type	Constraints	Description
1	id	Int(10)	Primary key	Request id
2	user_id	Int(10)	Foreign key	User id
3	isbn	Int(13)	Foreign key	ISBN of book

5) Library

No.	Name	Type	Constraints	Description
1	Lib_id	Int(10)	Primary key	Library id
2	lib_name	Varchar(40)	Not null	Library name
3	address	Varchar(50)	Not null	Address
4	pincode	Int(10)	Not null	PIN
5	district	Varchar(20)	Not null	District
6	phone	Int(10)	Not null	Phone number

7	Work_time	Varchar(20)	Not null	Working time of library
---	-----------	-------------	----------	-------------------------

6) user

No.	Name	Type	Constraint s	Description
1	id	Int(10)	Primary key	User id
2	First_name	Varchar(20)	Not null	First name
3	Last_name	Varchar(20)	Not null	Second name
4	email	Varchar(30)	Not null	Mail id
5	password	Varchar(20)	Not null	Password

6	gender	Varchar(10)	Not null	Gender
7	address	Varchar(50)	Not null	Address
8	dob	Varchar(30)	Not null	Date of birth
9	contact	Int(10)	Not null	Phone number
10	pincode	Int(10)	Not null	PIN code
11	district	Varchar(20)	Not null	District
12	status	Varchar(20)	Not null	Status

7) librarian

No.	Name	Type	Constraint s	Description
1	id	Int(10)	Primary key	Id
2	First_name	Varchar(20)	Not null	First name
3	Last_name	Varchar(20)	Not null	Second name
4	email	Varchar(30)	Not null	Mail id

5	password	Varchar(20)	Not null	Password
6	gender	Varchar(10)	Not null	Gender
7	address	Varchar(50)	Not null	Address
8	dob	Varchar(30)	Not null	Date of birth
9	contact	Int(10)	Not null	Phone number
10	pincode	Int(10)	Not null	PIN code
11	district	Varchar(20)	Not null	District
12	status	Varchar(20)	Not null	Status
13	Library_id	Int(10)	Foreign key	Library id

8) Message

No.	Name	Type	Constraints	Description
1	id	Int(10)	Primary key	Message id
2	Sender_id	Varchar(20)	Not null	Sending user id

3	receiver_id	Varchar(20)	Not null	Received user id
4	message	Varchar(80)	Not null	Message

9) Lending request

No.	Name	Type	Constraints	Description
1	id	Int(10)	Primary key	Lend id
2	isbn	Int(13)	Foreign key	ISBN of book
3	User_id	Int(10)	Foreign key	User id

10) category

No.	Name	Type	Constraints	Description
1	Category_id	Varchar(10)	Primary key	Category id
2	Category_name	Varchar(40)	Not null	Category name

11)Book_taken

No.	Name	Type	Constraint s	Description
1	id	Int(10)	Primary key	Id
2	User_id	Int(10)	Foreign key	User id
3	Due_date	Varchar(20)	Not null	Due date of book
4	Book_returned	Varchar(20)	Not null	Book returned date
5	isbn	Int(13)	Foreign key	Isbn of book

12)isbn

No.	Name	Type	Constraints	Description
1	isbn	Int(13)	Primary key	ISBN of book
2	Book_id	Varchar(40)	Foreign key	Book id
3	Lib_id	Varchar(20)	Foreign key	Library id

13)reminder

No.	Name	Type	Constraints	Description
1	User_id	Int(10)	Primary key	User id
2	isbn	Int(13)	Foreign key	ISBN of book
3	Due_date	Int(20)	Not null	Due date of book

14)donate_book

No.	Name	Type	Constraints	Description
1	id	Int(10)	Primary key	Id
2	isbn	Int(10)	Foreign key	Isbn of book
3	User_id	Int(10)	Foreign key	User id

15)Fine

No.	Name	Type	Constraints	Description
1	reportid	int(10)	Primary key	Id of report
2	userid	int(10)	Foreign Key	User id
3	bookid	int(10)	Foreign Key	Book id
3	date	date	Not null	Report generated date

16)Report generation

No.	Name	Type	Constraints	Description
-----	------	------	-------------	-------------

1	fineid	int(10)	Primary key	Id of fine
2	date	date	Not null	Fine sended date
3	booktakenid	int(10)	Foreign Key	Book taken id
4	amount	int(50)	Not null	Fine Amount

Request

BOOK CYCLING SYSTEM

BOOK CYCLING SYSTEM

Gallery AboutLogout

HOME

PROFILE

ADD LIBRARY

ADD LIBRARIAN

ASSIGN LIBRARIAN

VIEW LIBRARIES

VIEW USERS

BOOK LIST

MESSAGES

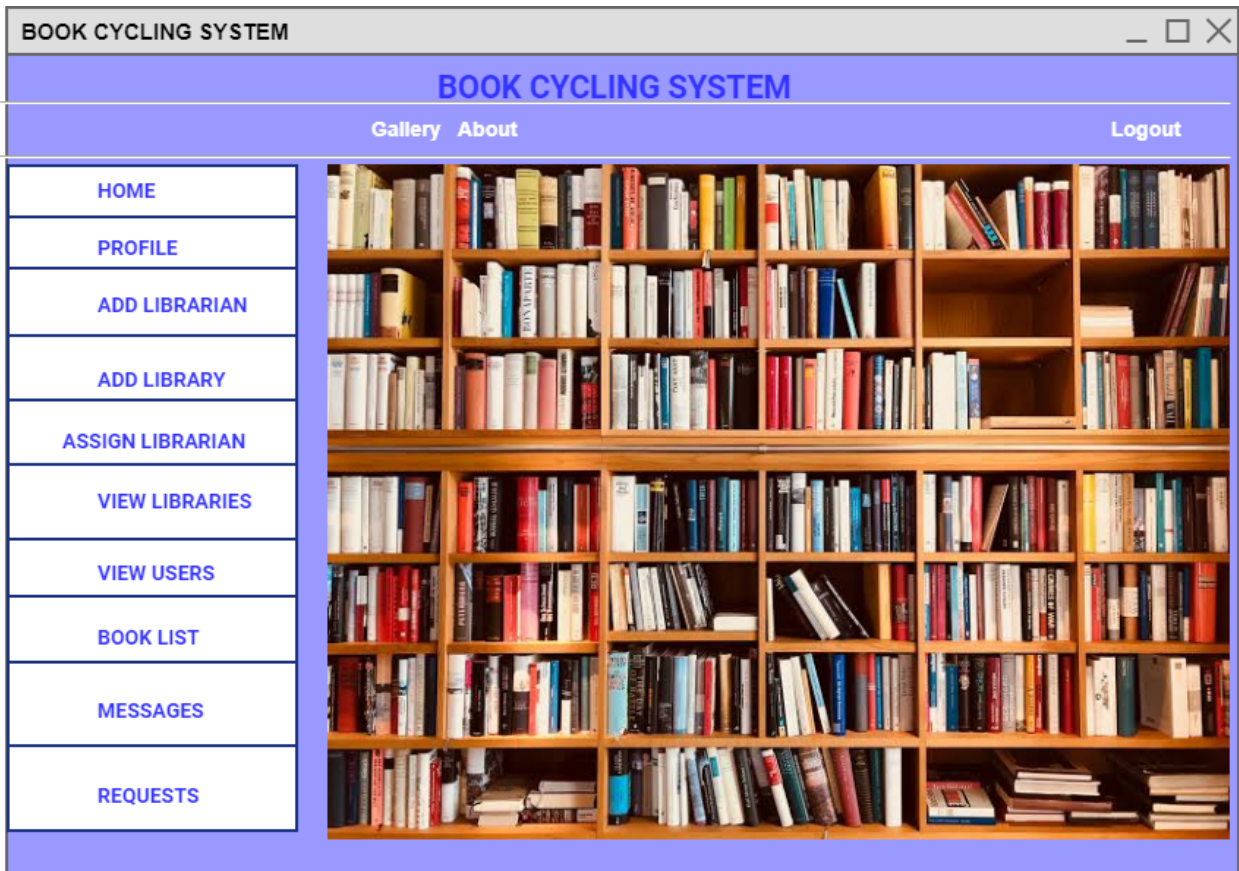
REQUESTS

Requests

Please add more copies of "Life of Pi"

write reply....

Reply



BOOK CYCLING SYSTEM

GalleryAboutLogout

HOME

LIBRARY

PROFILE

USER MANAGEMENT

BOOK MANAGEMENT

BOOK LIST

VIEW USERS

LENDED BOOKS

REQUESTS

REMINDER

MESSAGES

Book Management

ISBN

Book id

Book title

Author

Publisher

Edition

Category

Price

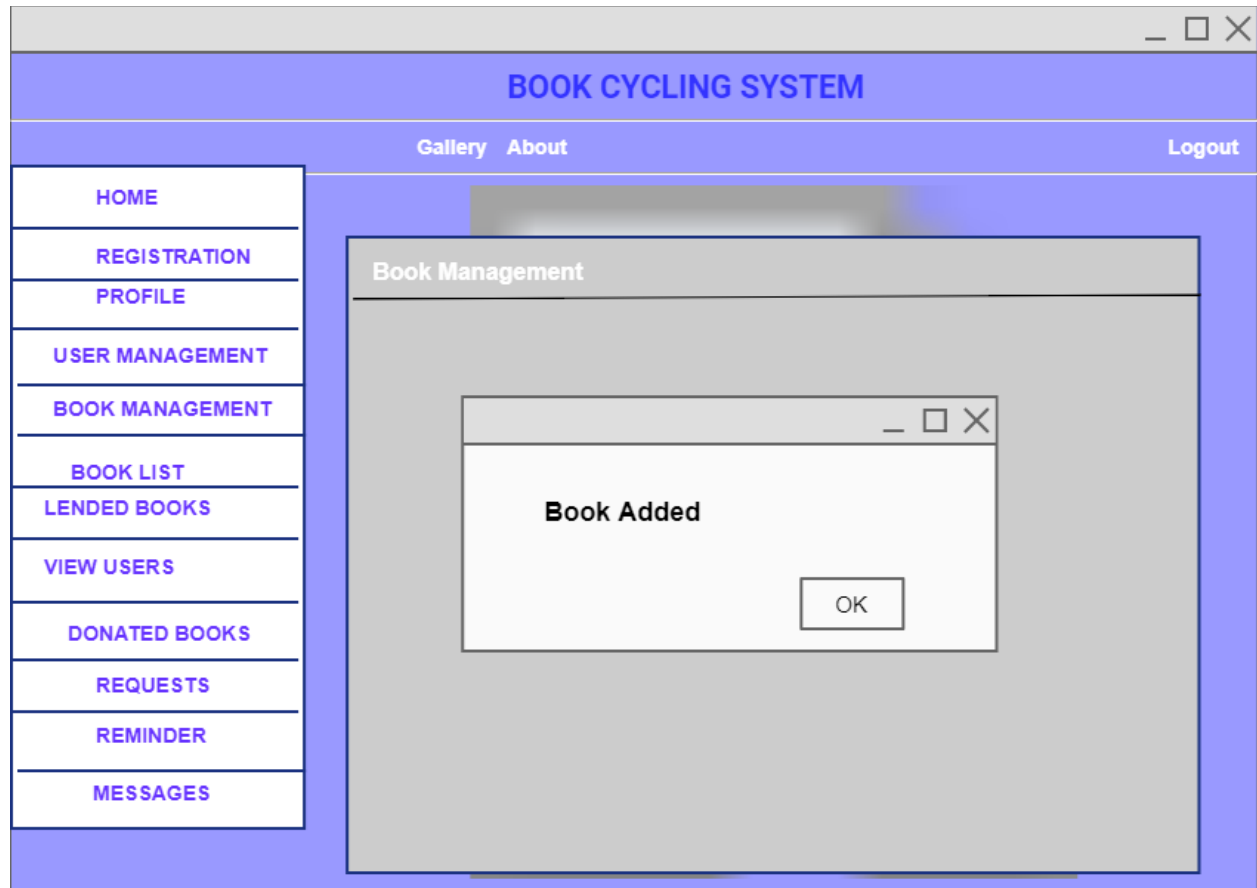
Copies

Donated by

Add

DELETE

UPDATE



BOOK CYCLING SYSTEM

About

Logout

[HOME](#)

LIBRARY

PROFILE

USER MANAGEMENT

BOOK MANAGEMENT

BOOK LIST

[VIEW USERS](#)

LENDING BOOKS

REQUESTS

REMINDER

MESSAGES

REPORT

FINES MANAGEMENT

FINES

Search book

--

--

BOOK CYCLING SYSTEM

BOOK CYCLING SYSTEM

GalleryAboutLogout

HOME

LIBRARY

PROFILE

USER MANAGEMENT

BOOK MANAGEMENT

BOOK LIST

VIEW USERS

LENDED BOOKS

REQUESTS

REMINDER

MESSAGES

REPORT

FINES MANAGEMENT

Report

select book

Book id

Book taken by

BOOK CYCLING SYSTEM

[Gallery](#) [About](#)[Logout](#)[HOME](#)[LIBRARY](#)[PROFILE](#)[USER MANAGEMENT](#)[BOOK MANAGEMENT](#)[BOOK LIST](#)[LENDED BOOKS](#)[REQUESTS](#)[REMINDER](#)[MESSAGES](#)

REGISTRATION

FIRST NAME LAST NAME E MAIL PASSWORD GRNDER
☐ MALE
☐ FEMALEADDRESS DOB CONTACT PINCODE DISTRICT STATUS LIBRARY ID

BOOK CCYCLING SYSTEM

BOOK CYCLING SYSTEM

LOGIN FORM

User name

Text box

Password

Text box

Login

5)PROJECT PLAN

USER STORY ID	SPRINT	START DATE	END DATE	DAYS	STATUS (TO BE FILLED BY SCRUM MEETING)
1	Sprint 1	28-09-2020	29-09-2020	3	completed
2		29-09-2020	30-09-2020	1	completed
3		30-09-2020	2-10-2020-	3	completed
4		3-10-2020	2-10-2020	1	completed
5		29-09-2020	3-10-2020	1	completed
6		1-10-2020	6-10-2020	2	completed

7		3-10-2020	6-10-2020	3	completed
8		5-10-2020	8-10-2020	3	completed
9		9-10-2020	10-10-2020	1	Completed
10	SPRINT 2	11-10-2020	12-10-2020	1	Completed
11		12-10-2020	13-10-2020	2	Processing
12		13-10-2020	14-10-2020	1	Processing
13		14-10-2020	16-10-2020	3	Completed
14		16-10-2020	18-10-2020	3	Processing
15		19-10-2020	20-10-2020	2	Completed

16		20-10-2020	21-10-2020	2	
17		21-10-2020	22-10-2020	3	
18		21-10-2020	23-10-202	3	
19		22-10-2020	23-10-2020	2	
20	SPRINT 3	22-10-2020	24-10-2020	2	
21		24-10-2020	25-10-2020	2	
22		24-10-2020	26-10-2020	3	
23		26-10-2020	27-10-2020	2	
24		27-10-2020	28-10-2020	2	

25		28-10-2020	30-10-2020	3	
26		29-10-2020	1-11-2020	3	
27		2-11-2020	3-11-2020	2	
28		4-11-2020	6-11-2020	3	
29		5-11-2020	8-11-2020	3	

6)SPRINT REVIEWS

Sprint 1

User story ID	Comments from scrum master if any	Comments from product owner if any
1	Satisfied	
2		
3	<ul style="list-style-type: none">• Avoid type from add librarian table• Make status for librarian	<ul style="list-style-type: none">• Avoid duplication of category
4		<ul style="list-style-type: none">• Avoid duplication of category
9		<ul style="list-style-type: none">• Avoid status of book

[illegible]

7)SCRUM REVIEW

USER STORY ID	Date	CHANGES / SUGGESTIONS	REMARKS BY SCRUM MASTER
3		Avoid status of librarian library id should be in drop down	OK

3	03-10-2020	Library id should be in drop down	Ok
3	9-10-2020	Avoid replication of library, Add Menu, Add back button	Pending
	19-10-2020	Complete validations, complete testing	Ok
	28-10-2020	Make headings	Ok
	20-11-2020	Complete last user story	Pending

8) TESTING AND VALIDATION

Sprint 1

Test	date	action	Expected result	Actual result	Pass? (yes/no)
1	29-09-2020	Home page	Add library and assign librarian	Add library and assign librarian	Pass
2	29-09-2020	Login	Admin access the system	Admin access the system	Pass
3	2-10-2020	Add library and assign librarian	A library with a librarian	A library with a librarian	Pass
4	2-10-2020	Add category	Add category of book	Add category of book	Pass
5	3-10-2020	Home page	Librarian can add user to the system	Librarian can add user to the system	Pass
6	6-10-2020	Login	Librarian can access the system	Librarian can access the system	Pass
7	7-10-2020	Add users	Register the users	Register the users	Pass
8	9-10-2020	Add books	Add books to the library	Add books to the library	pass
9	10-10-2020	View books	View list of books	View list of books	Pass

Sprint 2

9	10-10-2020	View books	View list of books	View list of books	Pass
10	11-10-2020	View users	View users list	View users list	Pass
11		Home page	Home page for user	Home page for user	
12		Login page	User access the system	User access the system	
13		View book list	View libraries and books	View libraries and books	
14		Request book	Request for needed book	Request for needed book	
15		View request	View request of book	View request of book	
16		Issue due and renew date	Issue due and renew date	Issue due and renew date	
17		Donate book	Donate books to the library	Donate books to the library	
18		Add donated book	Add donated books to the library	Add donated books to the library	
19		Lend book	Lend books to the library	Lend books to the library	

9) VERSION TABLE IN GIT

User story id	Status	Date uploaded
1	Completed	5-10-2020
2	Completed	5-10-2020
3	Completed	5-10-2020
4	Completed	5-10-2020
5	Completed	5-10-2020
6	Completed	27-10-2020
7	Completed	27-10-2020
8	Completed	27-10-2020
9	Completed	27-10-2020
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		

22		
23		
24		
25		
26		
27		
28		
29		

localhost / 127.0.0.1 / champion x localhost/10272020/bookcycle/ x +

localhost/10272020/bookcycle/addcategory.php

Book Cycling System

[Home](#) [View Category](#)

Add Category

Category Name

localhost / 127.0.0.1 / champion x localhost/10272020/bookcycle/ x +

localhost/10272020/bookcycle/addlibrarian.php

Book Cycling System

[Home](#) [View Librarian](#)

Add Librarian

First Name

Last Name

Email

Password

Gender ☐ Male ☐ Female

Address

localhost / 127.0.0.1 / champion x localhost/10272020/bookcycle/localhost/10272020/bookcycle/addlibrary.php

Book Cycling System

Home View Library

Add Library

Library Name

Address

Cell number

Pin

District

localhost / 127.0.0.1 / champion x Admin Login localhost/10272020/bookcycle/login.php

BOOK CYCLING SYSTEM

Home

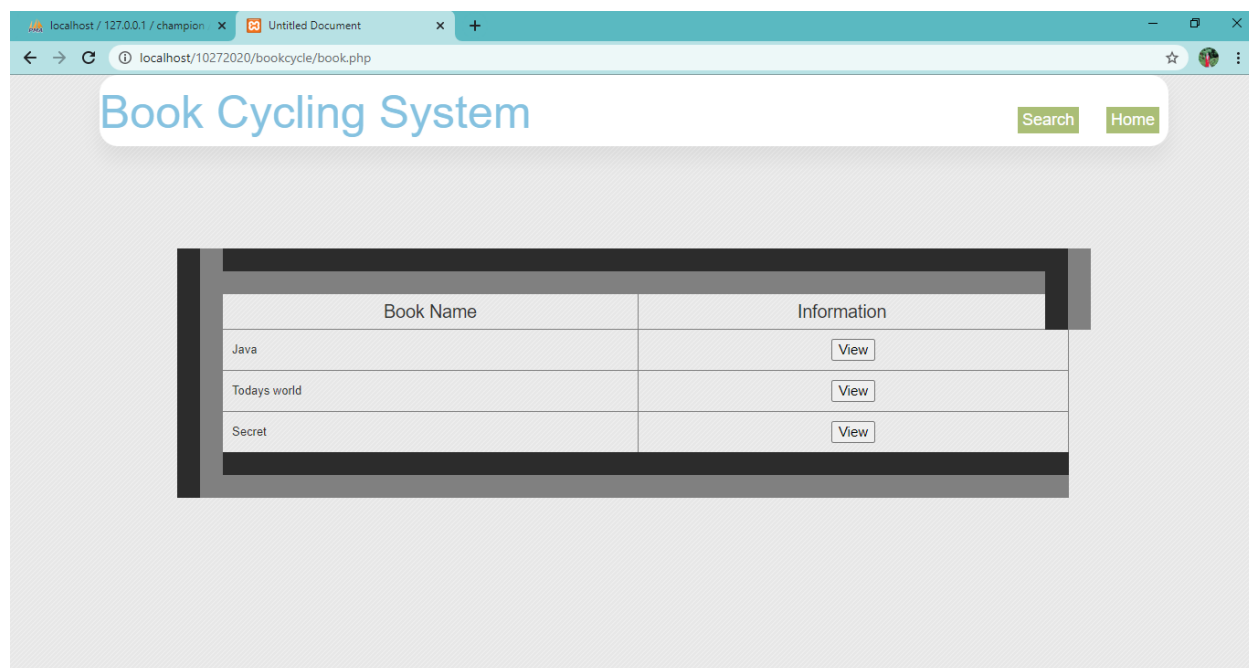
Log - IN

Username

Password

LOGIN

©2020 MR.
Design and Developed by



localhost / 127.0.0.1 / champion

Untitled Document

+

localhost/10272020/bookcycle/viewcategory.php

☆

Book Cycling System

Home

Id.	Name	Operations
5	Programming skill	<div>DeleteUpdate</div>
6	Android	<div>DeleteUpdate</div>

BACK

localhost / 127.0.0.1 / champion

Untitled Document

+

localhost/10272020/bookcycle/viewlibrary.php

☆

Book Cycling System

Home

ID	Name	Address	Number	Pin	District	Operations
1	Marvel	Kuttiyil nilam, mokavoor road, new state bank of india, palakkad, kozhikode.	8086740987	630870	Thiruvananthapuram	<div>DeleteUpdate</div>
2	Risvana	abc,123	9061083378	789654	Kollam	<div>DeleteUpdate</div>
3	hhk	jlkjlk	4564564564	456465	Thiruvananthapuram	<div>DeleteUpdate</div>
4	rgbfd	dfdbvcbgnd	3456789321	236548	palakkad	<div>DeleteUpdate</div>

BACK