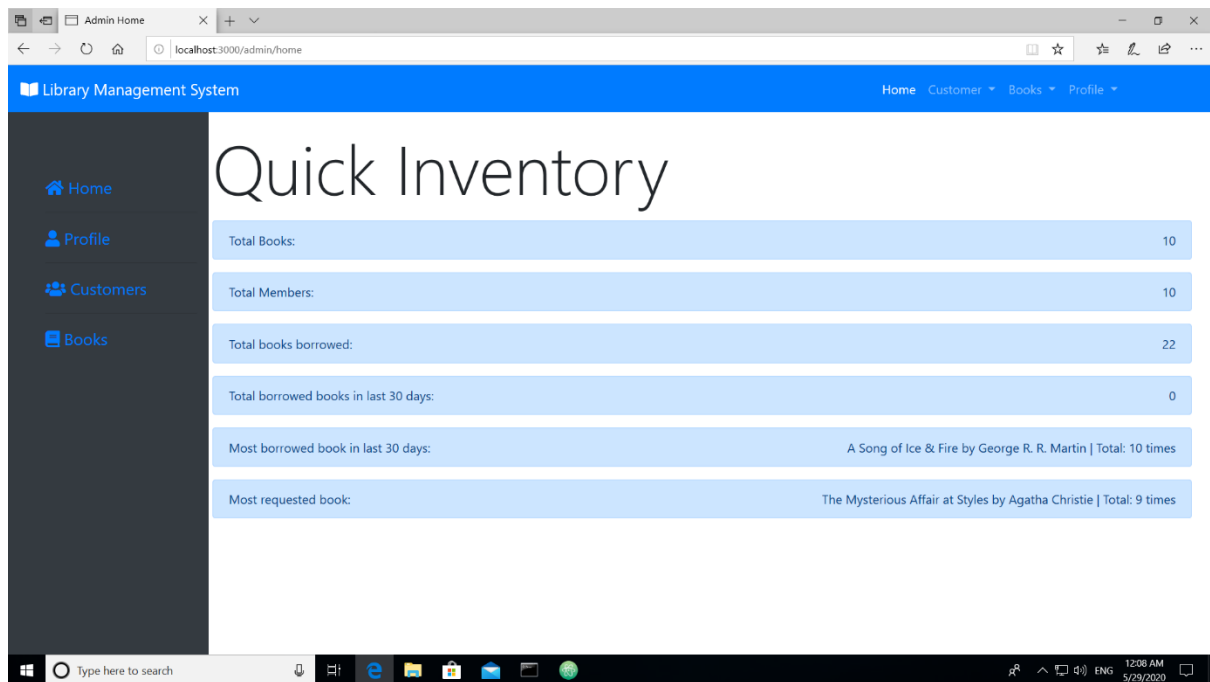


Group members: Zhang Feifei, Goh Gek Chuah Kenneth, Michael Y Abay

### Test cases



### View statistics

An admin will be able to view the statistics for the following:

- Total number of books
- Total number of members
- Total books borrowed
- Total books borrowed in last 30 days
- Most borrowed book in last 30 days with the number of occurrences
- Most requested book with number of requests

Requested Books

localhost:3000/admin/books/requested

Library Management System

Home Customer Books Profile

Search Books

By  
Genre  
Title  
Author  
Edition  
ISBN

Search

Request ID

Date Requested

1	Mystery	Murder on the Orient Express	Agatha Christie	3	12gf3gj1jhr3klj1ugjkb	Tue Jul 10 2018 00:00:00 GMT+0000 (Greenwich Mean Time)
2	Mystery	The Mysterious Affair at Styles	Agatha Christie	3	4zgdhdv2dfh81v31sdgj	Tue Jul 10 2018 00:00:00 GMT+0000 (Greenwich Mean Time)
3	Mystery	The Mysterious Affair at Styles	Agatha Christie	3	4zgdhdv2dfh81v31sdgj	Tue Jul 10 2018 00:00:00 GMT+0000 (Greenwich Mean Time)
4	Mystery	The Mysterious Affair at Styles	Agatha Christie	3	4zgdhdv2dfh81v31sdgj	Tue Jul 10 2018 00:00:00 GMT+0000 (Greenwich Mean Time)
5	Mystery	The Mysterious Affair at Styles	Agatha Christie	3	4zgdhdv2dfh81v31sdgj	Tue Jul 10 2018 00:00:00 GMT+0000 (Greenwich Mean Time)
6	Mystery	The Mysterious Affair at Styles	Agatha Christie	3	4zgdhdv2dfh81v31sdgj	Tue Jul 10 2018 00:00:00 GMT+0000 (Greenwich Mean Time)
7	Mystery	The Mysterious Affair at	Agatha	3	4zgdhdv2dfh81v31sdgj	Tue Jul 10 2018 00:00:00 GMT+0000 (Greenwich Mean Time)

Admin- View requested books by customers

Issued Books

localhost:3000/admin/books/issued

Library Management System

Home Customer Books Profile

Search Books

by...

Search

ID	Genre	Title	Author	Edition	ISBN	Issued To	Issued Date	Days left until invalid	Action
4	Adventure	Harry Potter & The Half Blood Prince	J.K. Rowling	1	31ghf1jk24kjb3l4l1gjh	5	Tue Jul 10 2018 00:00:00 GMT+0000 (Greenwich Mean Time)	-660 Days	Unissue Customer
5	Adventure	Harry Potter & The Deadly Hallows	J.K. Rowling	2	agsh32gqkj12bkl134	2	Tue Jul 10 2018 00:00:00 GMT+0000 (Greenwich Mean Time)	-660 Days	Unissue Customer

Admin- View issued books to customers

Library Management System

Home Customer Books Profile

Search Customers by...

ID	Name	Phone	Email	Address	Gender	Action
2	Arefin	01764431859	arefin@gmail.com	Mirpur 13	Male	<a href="#">Edit Customer</a>   <a href="#">Delete Customer</a>
3	Kenneth Goh	01782963175	ggoh@uw.edu	Banani, Singapore	Male	<a href="#">Edit Customer</a>   <a href="#">Delete Customer</a>
4	Rafin	01924184941	rafin.ryan.07@outlook.com	Mirpur 13, Dhaka	Male	<a href="#">Edit Customer</a>   <a href="#">Delete Customer</a>
5	Shimi	01723645289	shimi@gmail.com	Uttara, Sector 13	Female	<a href="#">Edit Customer</a>   <a href="#">Delete Customer</a>
6	Jhuma	01782963175	fjhuma@gmail.com	Banani, Chairman Bari	Female	<a href="#">Edit Customer</a>   <a href="#">Delete Customer</a>
7	Istiak	01932478293	istiakisha69@gmail.com	Baily Road	Male	<a href="#">Edit Customer</a>   <a href="#">Delete Customer</a>
8	Fahim Ahmed	01726972364	fahim152@gmail.com	Kallayanpur	Male	<a href="#">Edit Customer</a>   <a href="#">Delete Customer</a>
9	Zhang Feifei	01932478293	fzhang91@uw.edu	China	Male	<a href="#">Edit Customer</a>   <a href="#">Delete Customer</a>
10	Michael Abay	01726972364	MABay@uw.edu	USA	Male	<a href="#">Edit Customer</a>   <a href="#">Delete Customer</a>

Admin- View all customers in the database

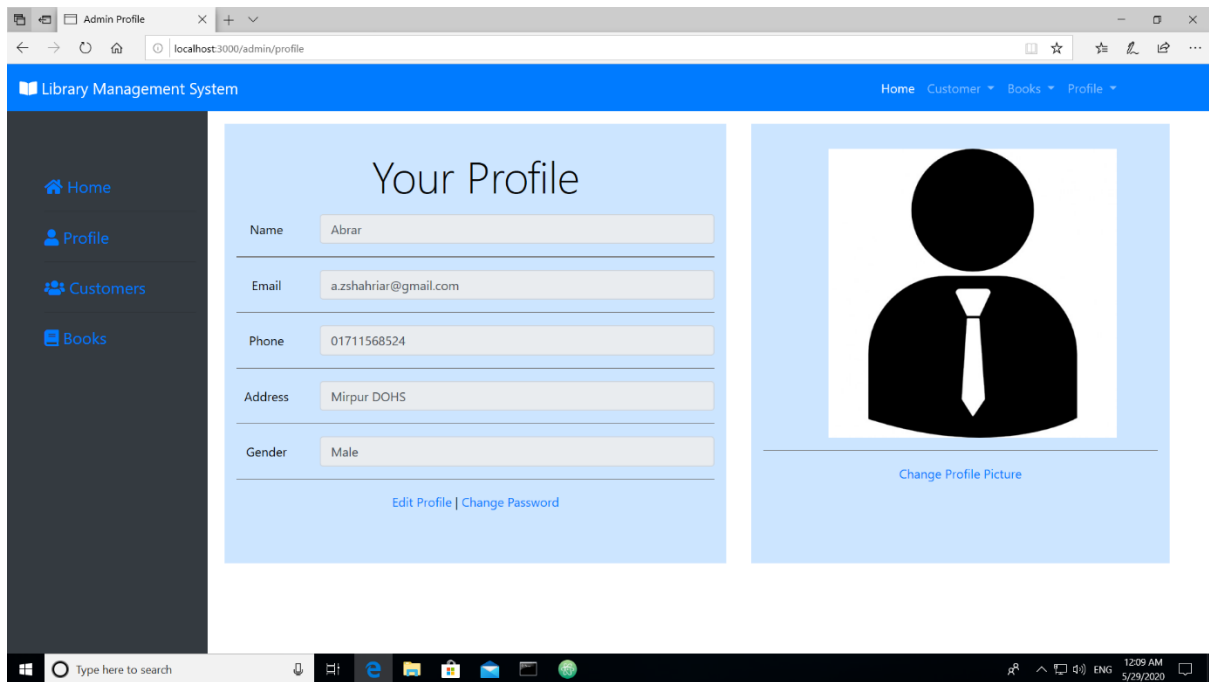
Library Management System

Home Customer Books Profile

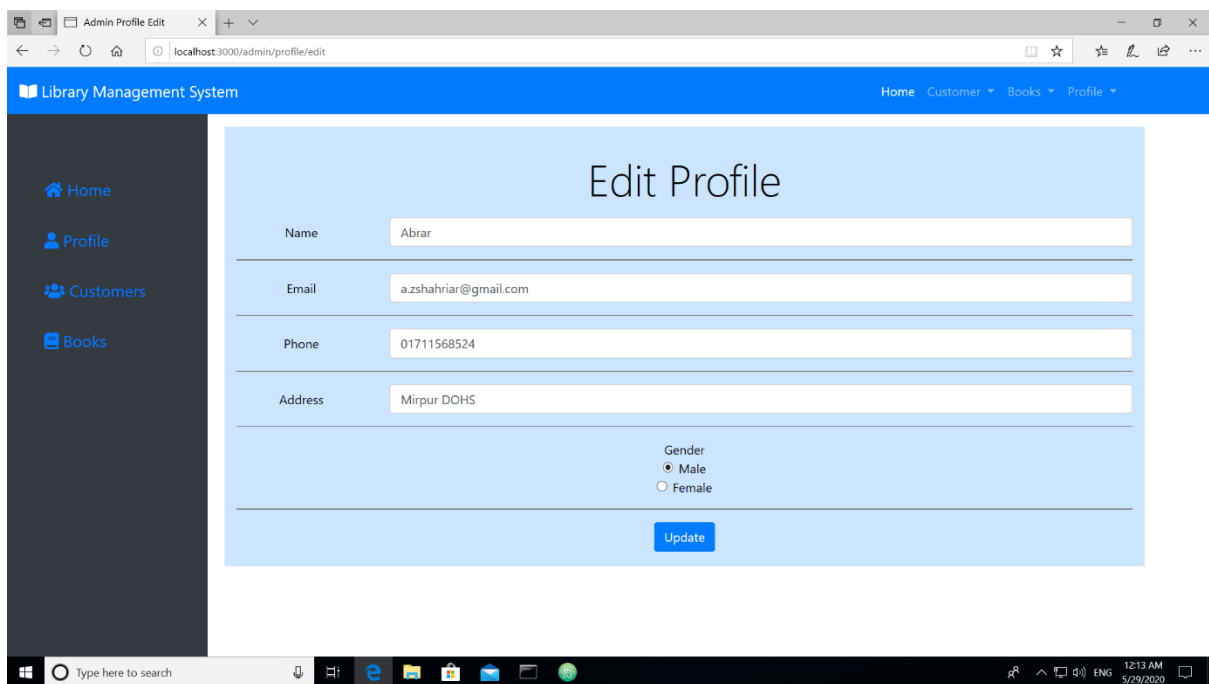
Search Books By...

ID	Genre	Title	Author	Publisher	Edition	ISBN	Pages	Action
1	Horror					sgsdlg5qw7q87w	800	<a href="#">Edit Book</a>   <a href="#">Delete Book</a>
2	Adventure	The Fellowship of the Ring	J.R.R. Tolkien	Mariner Books	8	97805479282103dfkj	432	<a href="#">Issue Book</a>   <a href="#">Edit Book</a>   <a href="#">Delete Book</a>
3	Adventure	A Song of Ice & Fire	George R. R. Martin	Game of Thrones	8	has23dadh123427	1200	<a href="#">Edit Book</a>   <a href="#">Delete Book</a>
4	Adventure	Harry Potter & The Half Blood Prince	J.K Rowling	Rowling's Publications	1	31ghf1jk24kb3l4l1gjh	667	<a href="#">Edit Book</a>   <a href="#">Delete Book</a>
5	Adventure	Harry Potter & The Deadly Hallows	J.K Rowling	Rowling's Publications	2	agsh32gqkj12bk1134	798	<a href="#">Edit Book</a>   <a href="#">Delete Book</a>
6	Adventure	The Two Towers	J.R.R. Tolkien	Mariner Books	8	97805479282033dfkj	352	<a href="#">Issue Book</a>   <a href="#">Edit Book</a>   <a href="#">Delete Book</a>
7	Mystery	The Mysterious Affair at Styles	Agatha Christie	Agatha Publications	2	4zgdhdv2dfh81v31sdgj	669	<a href="#">Issue Book</a>   <a href="#">Edit Book</a>   <a href="#">Delete Book</a>

Admin- View all books available in the database



View own profile



Edit own profile

Admin Change Passwor

localhost:3000/admin/changepass

Library Management System

Home Customer Books Profile

Home

Profile

Customers

Books

## Change Password

Old Password

New Password

Confirm Password

Change Password

Type here to search

12:13 AM 5/29/2020

Change own password

Add Customers

localhost:3000/admin/customers/add

Library Management System

Home Customer Books Profile

Home

Profile

Customers

Books

## Add New Customer

Name

Email

Phone

Password

Address

Gender Male

Add Customer

Type here to search

12:11 AM 5/29/2020

Admin – Add new customer to database

Library Management System

Home Customer Books Profile

## Add New Book

Genre	<input type="text"/>
Title	<input type="text"/>
Author	<input type="text"/>
Publisher	<input type="text"/>
Edition	<input type="text"/>
ISBN	<input type="text"/>
Pages	<input type="text"/>

Add

Admin – Add new book to database