

SLTC re:Start Bootcamp
Final Assignment (Group project)

Project name: Library System for small school

Team members:

Student ID	Full Name
RS19111	W.M.D.S Bandara

GitHub URL: <https://github.com/dhanushka25?tab=repositories>

Demo URL (if available):

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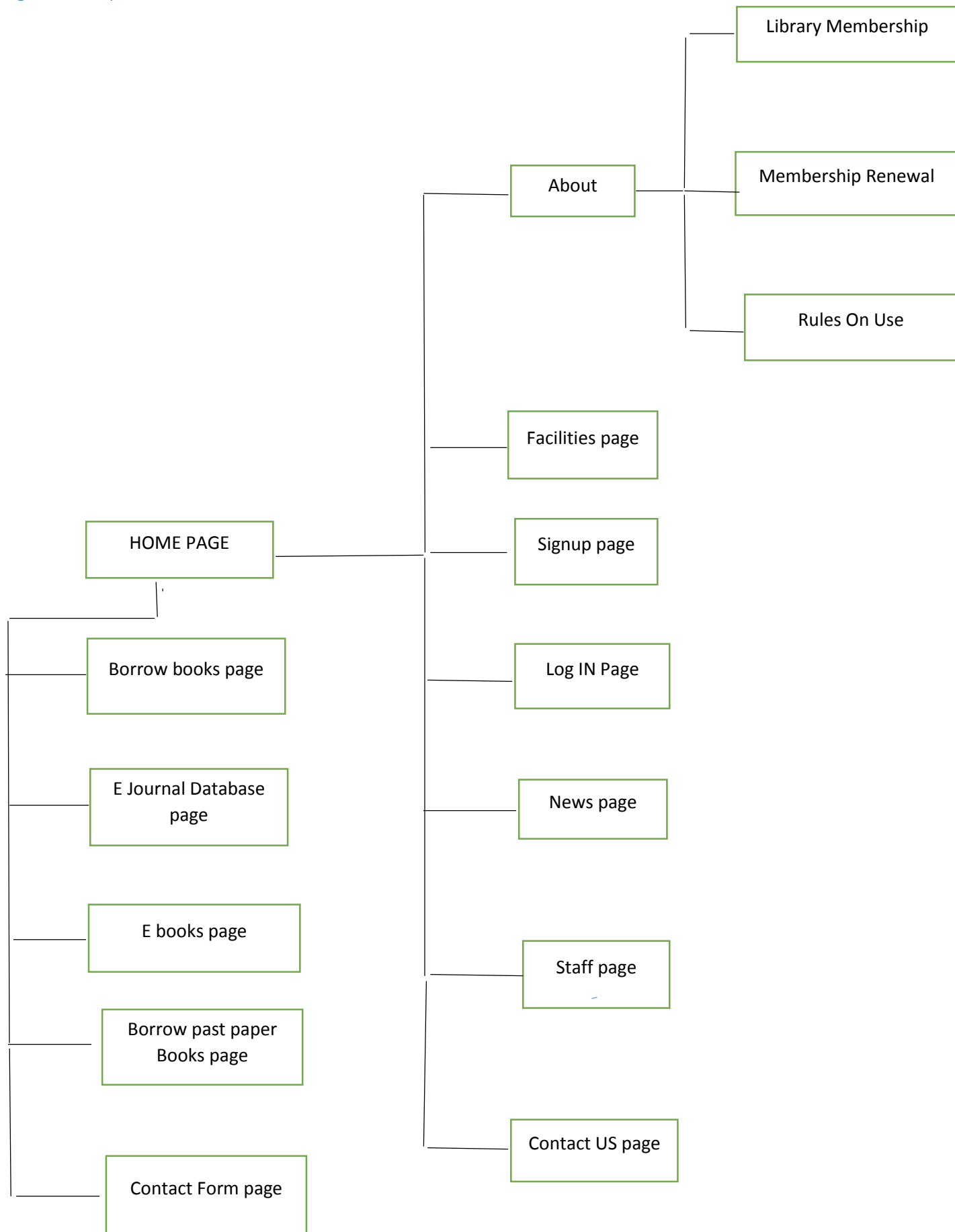
Technical documentation

Introduction

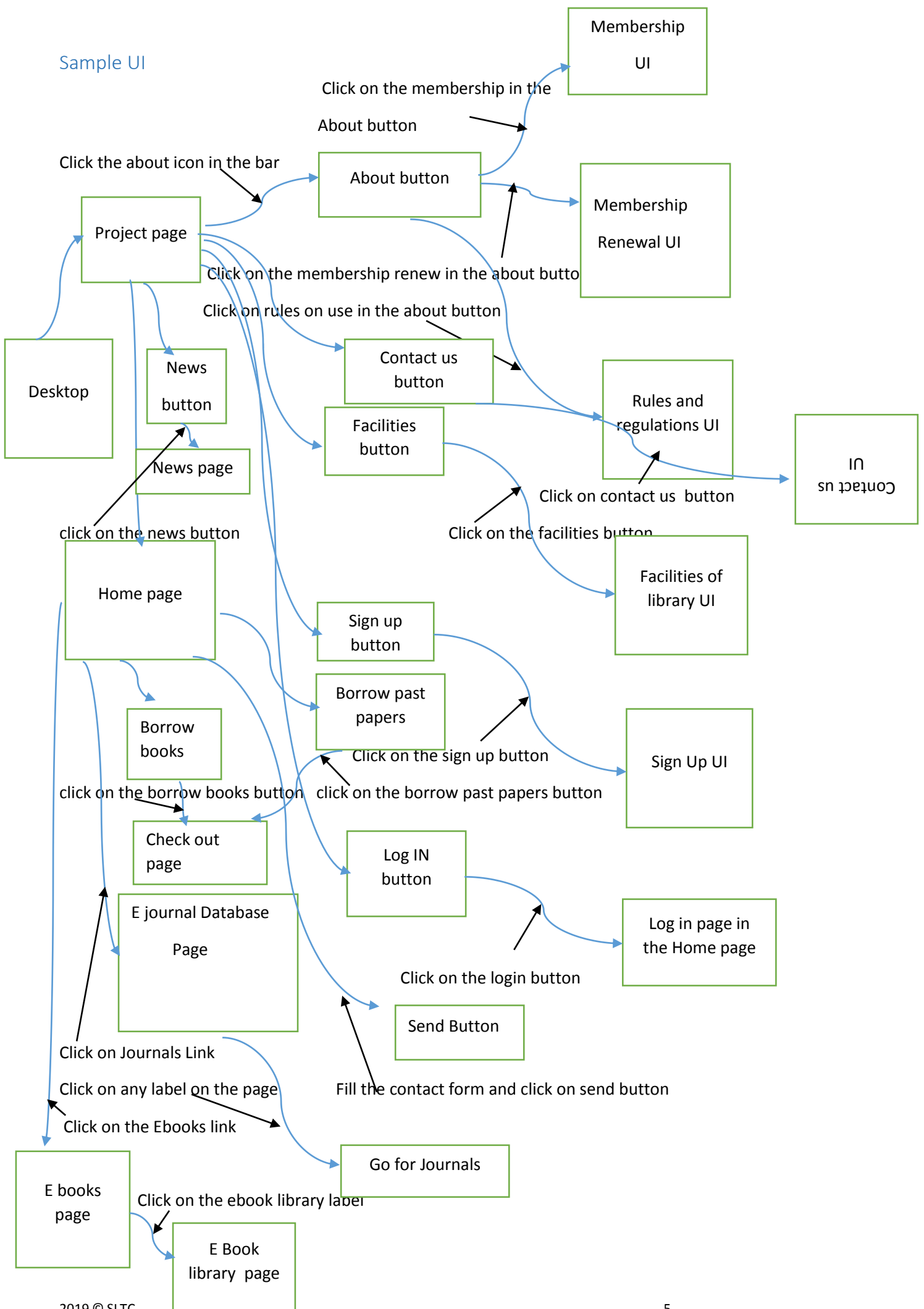
The name of the project is Library system for small school. In this System Signup page , Login page, News page, Staff page, Contact Us page , Library membership page, library membership renewal page, Library facilities page, Rules on Use page , E Journal Database page, E books page and past question papers page and have been included. In the front page as forms contact form has been included. In the contact us page contact form has been included and also library books borrowing page and past paper books borrowing page have been included. In the pages mentioned above, as the contact with the mailing services yahoo email service has been attached. AS social media face book, twitter , you tube, Instagram, Google++ and Behance and Subscribe page have been included.

In creation of this system HTML.CSS, JavaScript, Bootstrap, PHP, languages have been used. As technical tools Notepad++,Adobe Dream viewer CS6 and screen shot capture tools have been used. As web browsers Google chrome, Mozilla firebox can be used. From the front-page of this system user can go to other pages. AS reference W3schools.com Online website tutorials has been used.

Navigation map



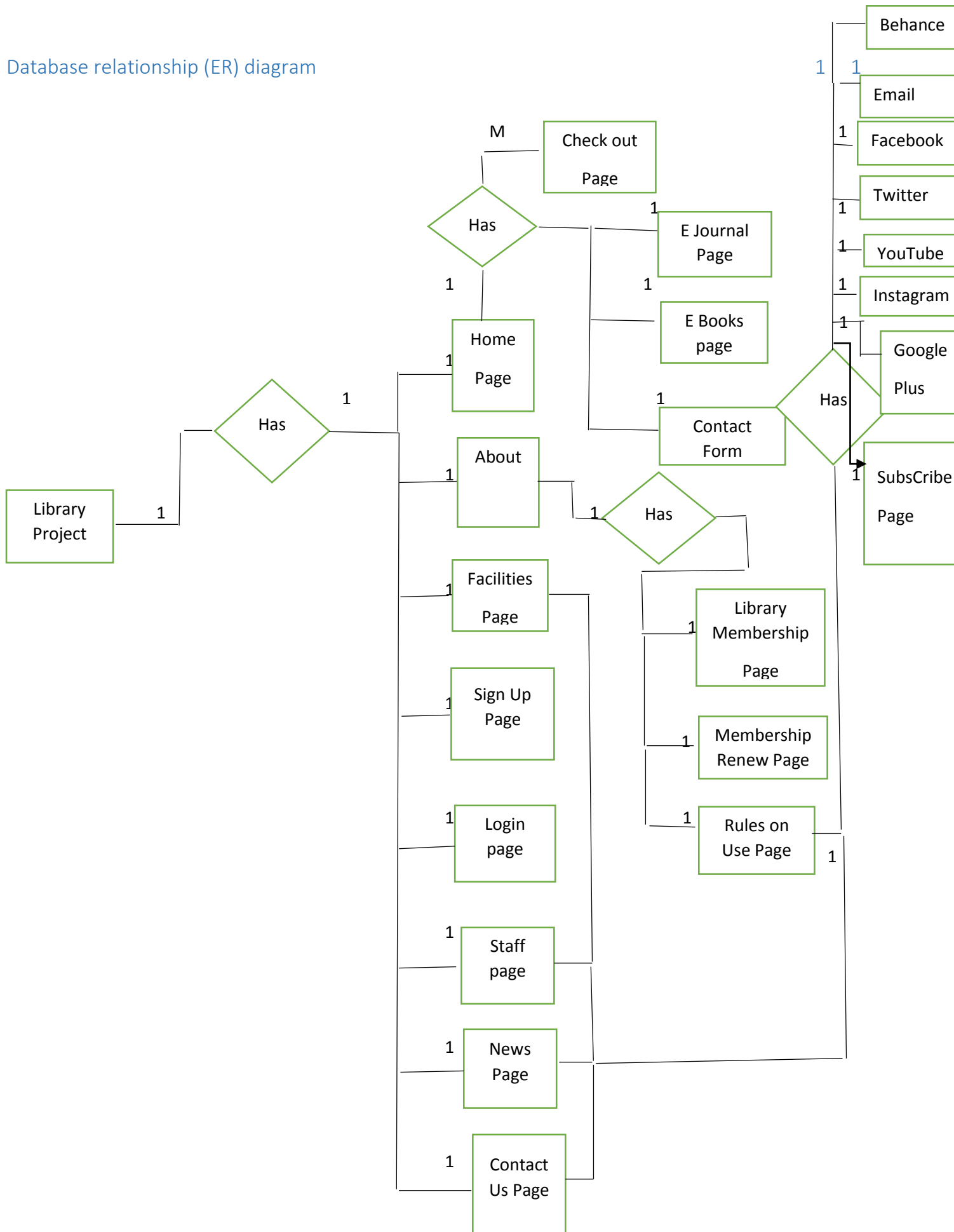
Sample UI



From the Desktop you can connect to the library project page. When you click the About button you can access to the Library membership UI, Membership renew UI and rules and Regulation UI by using the menu in the about button.

When you click on the facilities button in the top menu bar you can go to the Rules and Regulations UI. When you click the sign up button in the top menu bar you can access to the sign up UI. When you click on the Log In button you can go to the Log In page in the Home page. When you click on the contact us you can go to contact us page. When you click on the news button on the menu bar you can go to the news page. From the project page you can go to the Home page. When you click borrow past papers button and borrow books button you can go to the check-out page for pay money for past papers and books. In the checkout page, there are links to the pages which the books have been bought to the library. When you click on the E journals link on the front page you can go for Ejournal Database page. When you click on the any label in the e journal database page you can go for e journals and find what you like. When you click on the Ebooks link on the home page you can go for e books page and when you click on the Ebooks label you can go for "World Of E books". In the Home page there is a contact form and user can fill the form and send.

Database relationship (ER) diagram



In Above ER diagram Entities are Library project, home page, about, Facilities page, Signup page, Login page, Staff page, News page, contact Us page, Checkout page, Ejournal page, Ebooks page, contact form, Library membership page, Membership renew page, Rules on Use page, Yahoo Email, subscribe page, Facebook, twitter, Instagram, You tube, Google plus and Behance Pages. Library project has one to one relationship with Home page, About, Facilities page, Signup page, Login page, staff page, News page and contact us page. Home page has one to many relationship with checkout page. Home page has one to one relationship with Ejournal page, Ebooks page, contact form. About has one to one relationship with library membership page, Membership renew page and rules on use page. News page, staff page, contact us page, Rules on use page has one to one relationship with Email, subscribe page, Facebook, Twitter, You tube, Instagram , ,Google plus and Behance pages

Business logic

This system is suitable for small school library. So students, and users of this library can have access to this library easily online. This online library can be used to borrow materials such as books and past papers online and also student can access Ejournal and ebooks online. When you borrow books from this online library, you can have access to the online stores which the books are bought to the library. From this library you can borrow books from cheaper prices. Here with this library students and users can make online contacts. So Users and students can make more fast and cheap and faster connections with this online library. From this online system users and students can get more information about this online library and also people can get most recent news about this library online. Then people, students and user can use face book, twitter, YouTube, Instagram, google plus and Behance as social media and yahoo as the email services and subscribe page to make connections with this library fastly and securely online. So it is an Economic benefit. Because of this above reasons this system can be used for small school in government and private sector schools. Also this system can be used for colleges and universities t online. So this system will be beneficial for business purposes and also this library wilbe beneficial for improved internet connections. For schools. So this system will be very beneficial as business vice.

Final screenshots

Below are the final Screenshots Of the Home Page

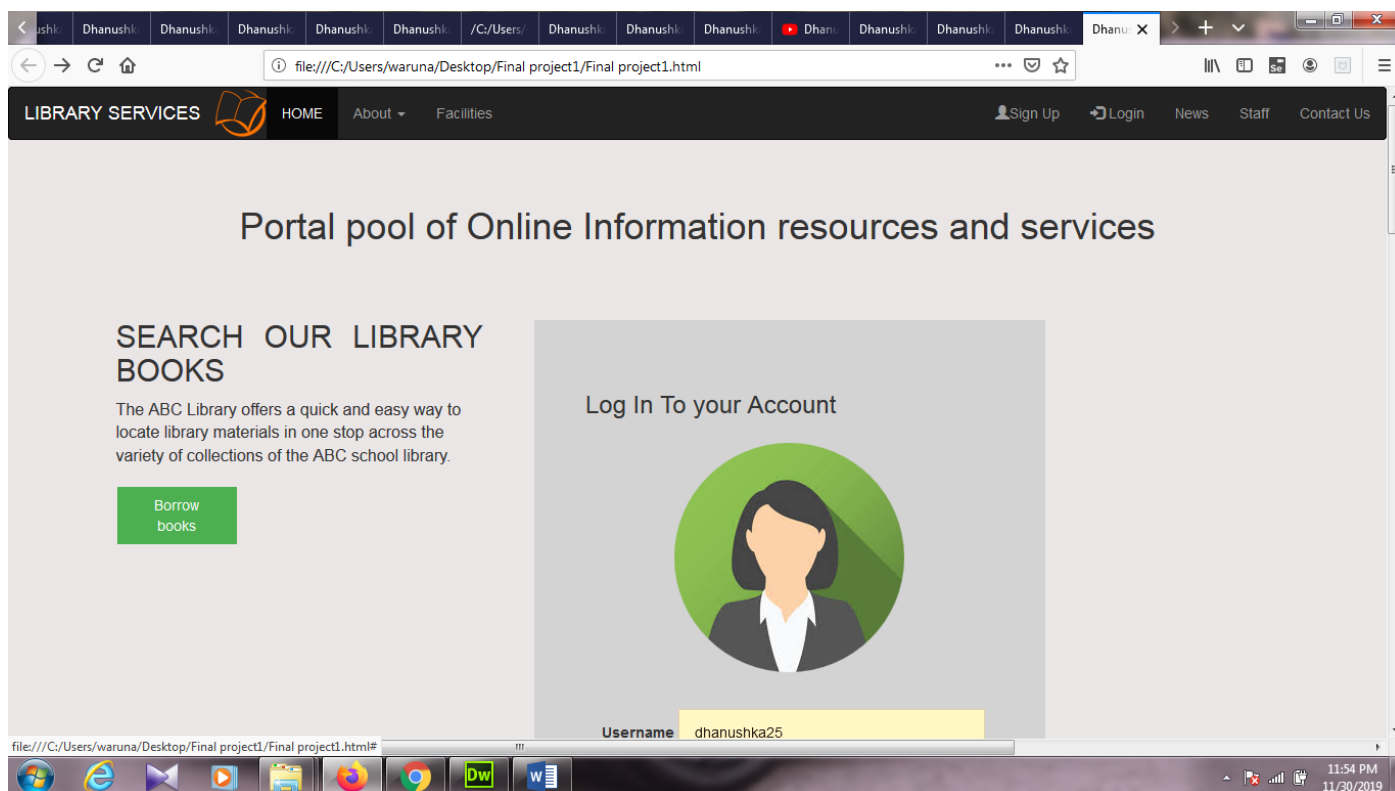


Figure 1

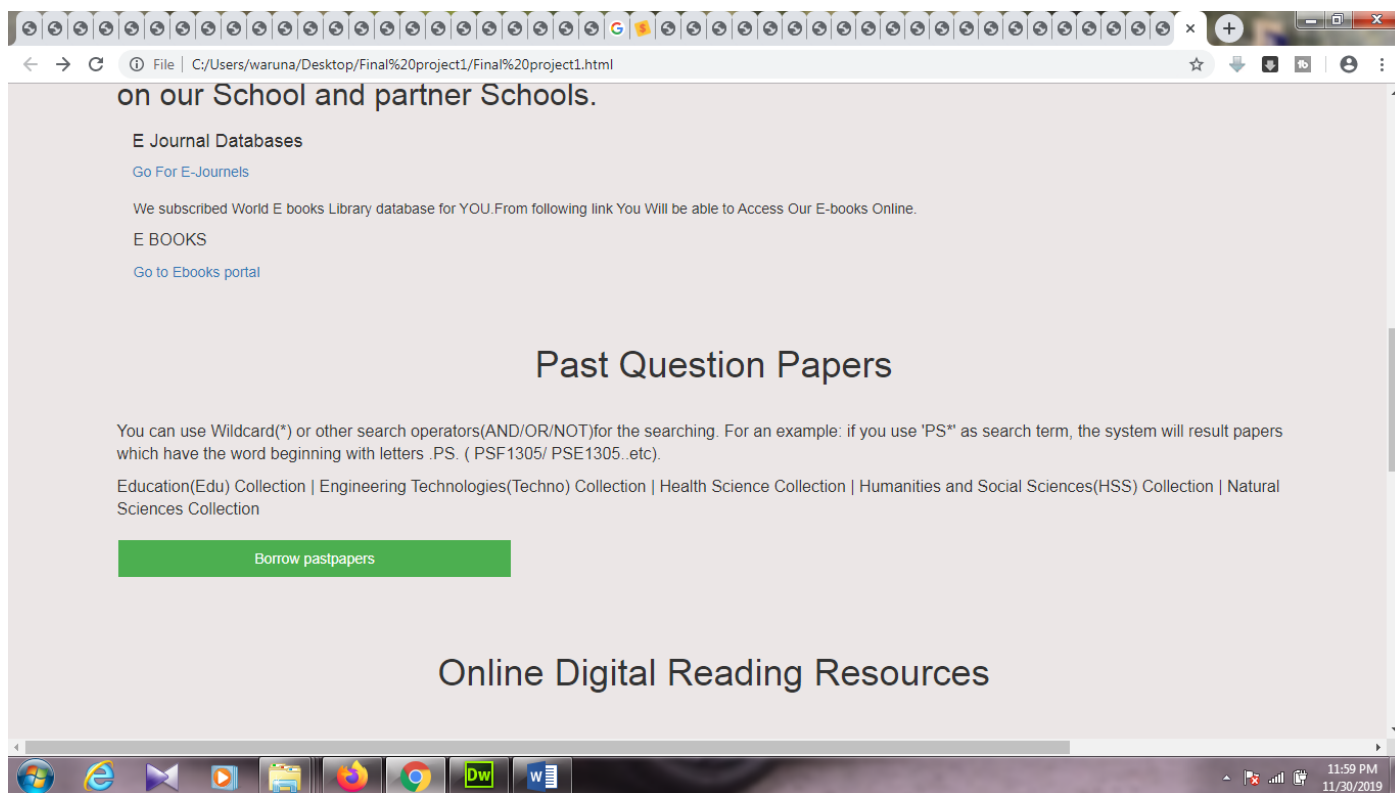


Figure2

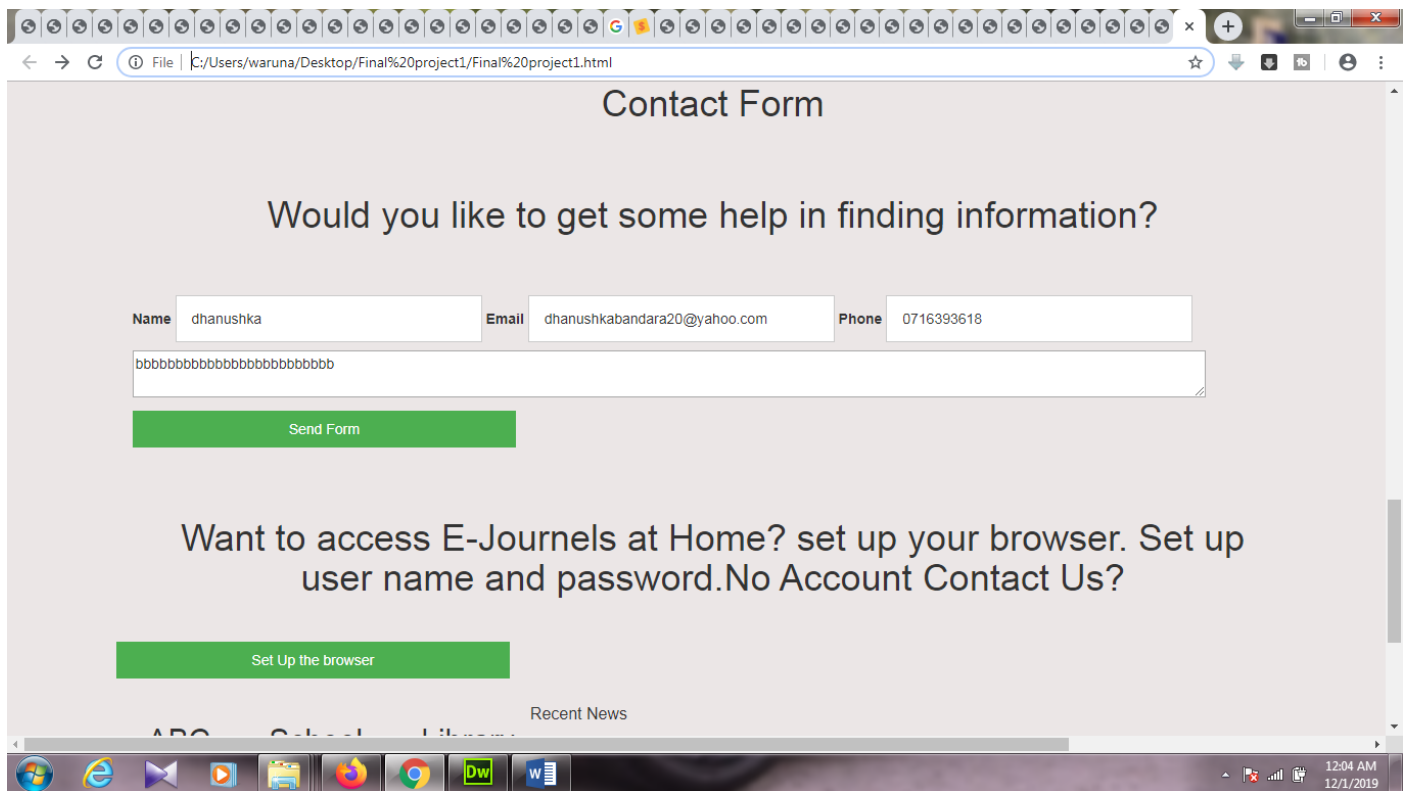


Figure3

Below are the screenshots of Library Membership page.

Figure4

Below is the Screenshots of Membership Renewal page.

Want You To Renew your Library Membership?

You Can Renew From Here

Membership Renewal Form

Membership No

Your Membership No..

Your ID number

Membership Catagoery

Anual Membership

Rs1200

Submit Delete Edit

Figure5

Below is the Rules and Regulation page

Rules And Regualations On Use

Rules On Use

1. Readers must produce their belongings Such as note,books to the gatekeepers,when you enter the library
2. No bags,parcels,celular phone,personel copies of books,printed materials,umbrelllas should be brought in to the library
3. SILENCE should be observed in all public reading areas
4. Consumption of food and drink, smoking and the use of matches or an open flame are forbidden in the Library.
5. No readers may enter any part of the Library to which entry is forbidden.
6. Visitors to the Library are required to obtain the permission of the Librarian to enter the Library.
7. Do not leave your personal belongings in front of the library or around the library. Please use the room.
8. Valuable articles or cash should not be kept in the room. The Library Staff will not hold themselves responsible for any losses.
9. Membership should be paid as per the membership such as anual membership or monthly membership
10. Library primnises should be kept clam and clean

ABC Library Services

About Us

Services

Selected work

Get In touch

RECENT NEWS

We haven door to so many resources

Number of Resources are available

E-books, videos, audios, Encyclopedias, Glossaries and Free access journals of

SUBSCRIBE

We have lot of books here

Email Subscribe!

CONNECT WITH US

f t y i g e B

Figure6

Below is the Library Facilities page

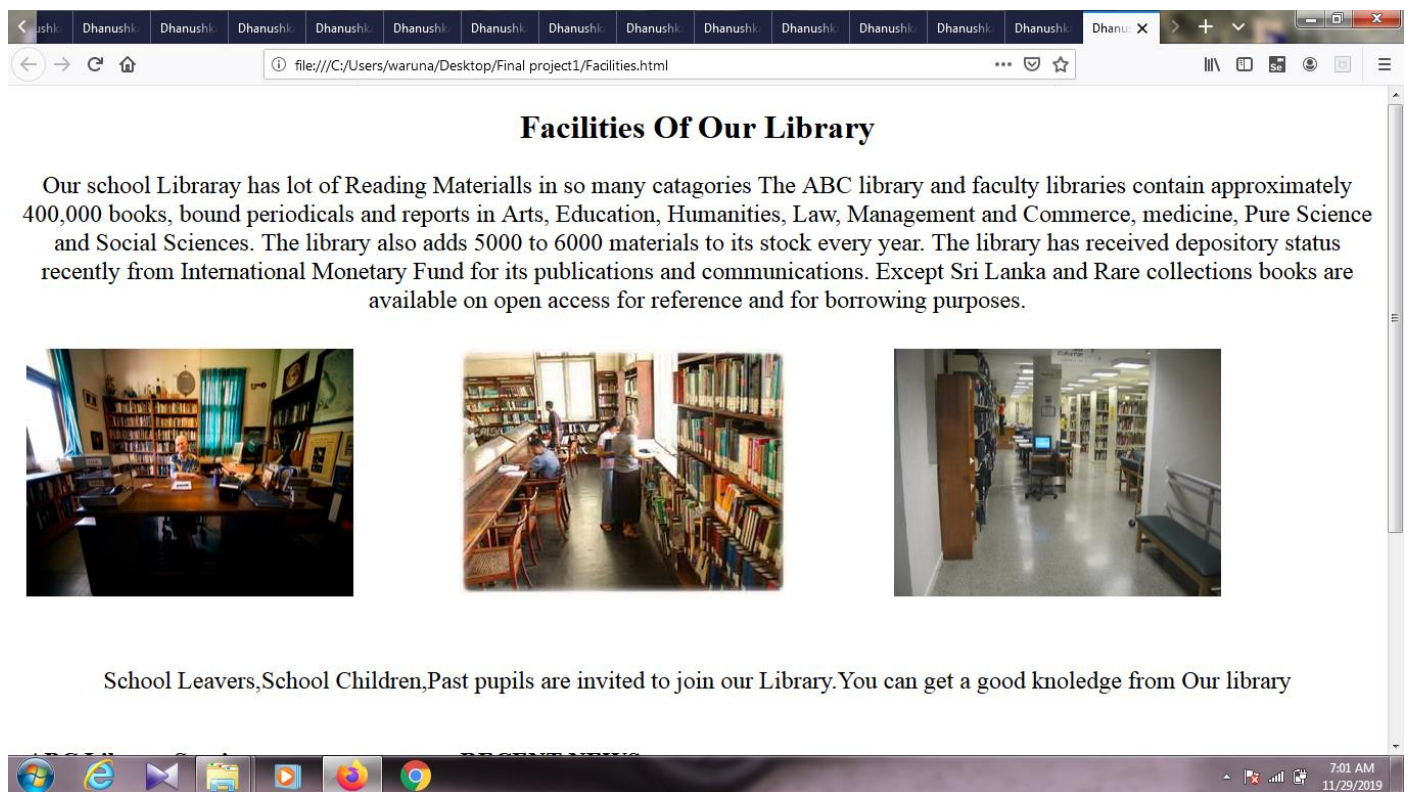


Figure7

Below is the Sign Up page

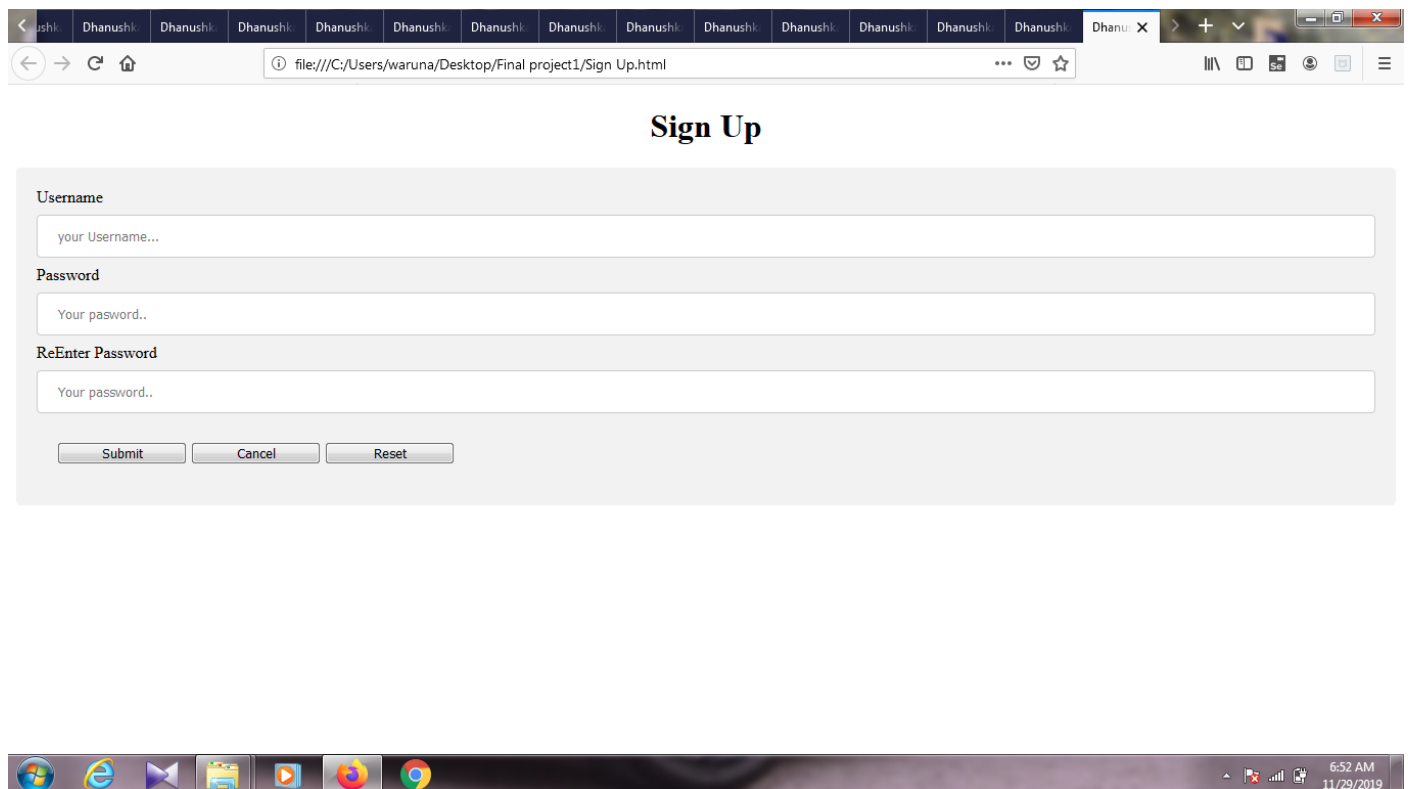


Figure8

Below is News Page

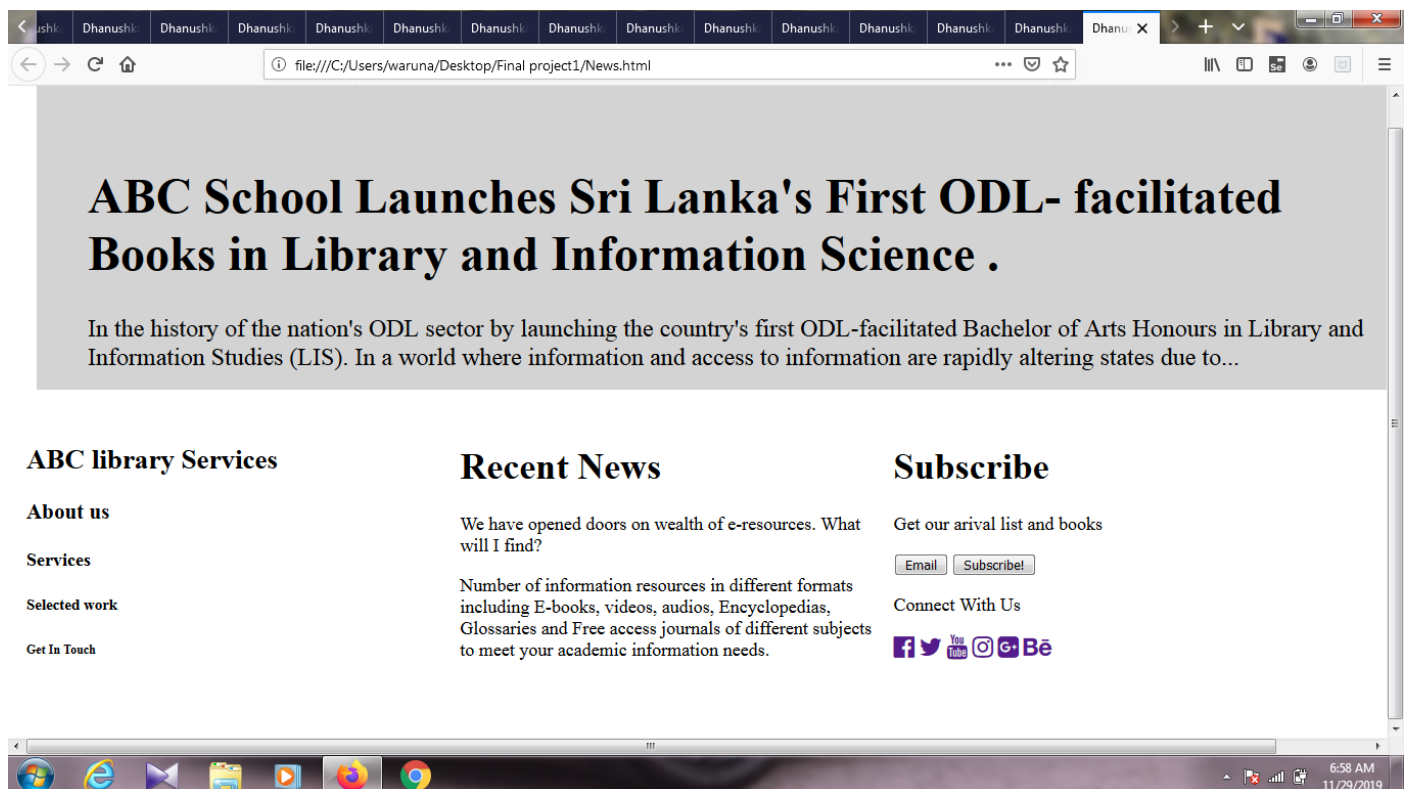


Figure9

Below is the Staff page

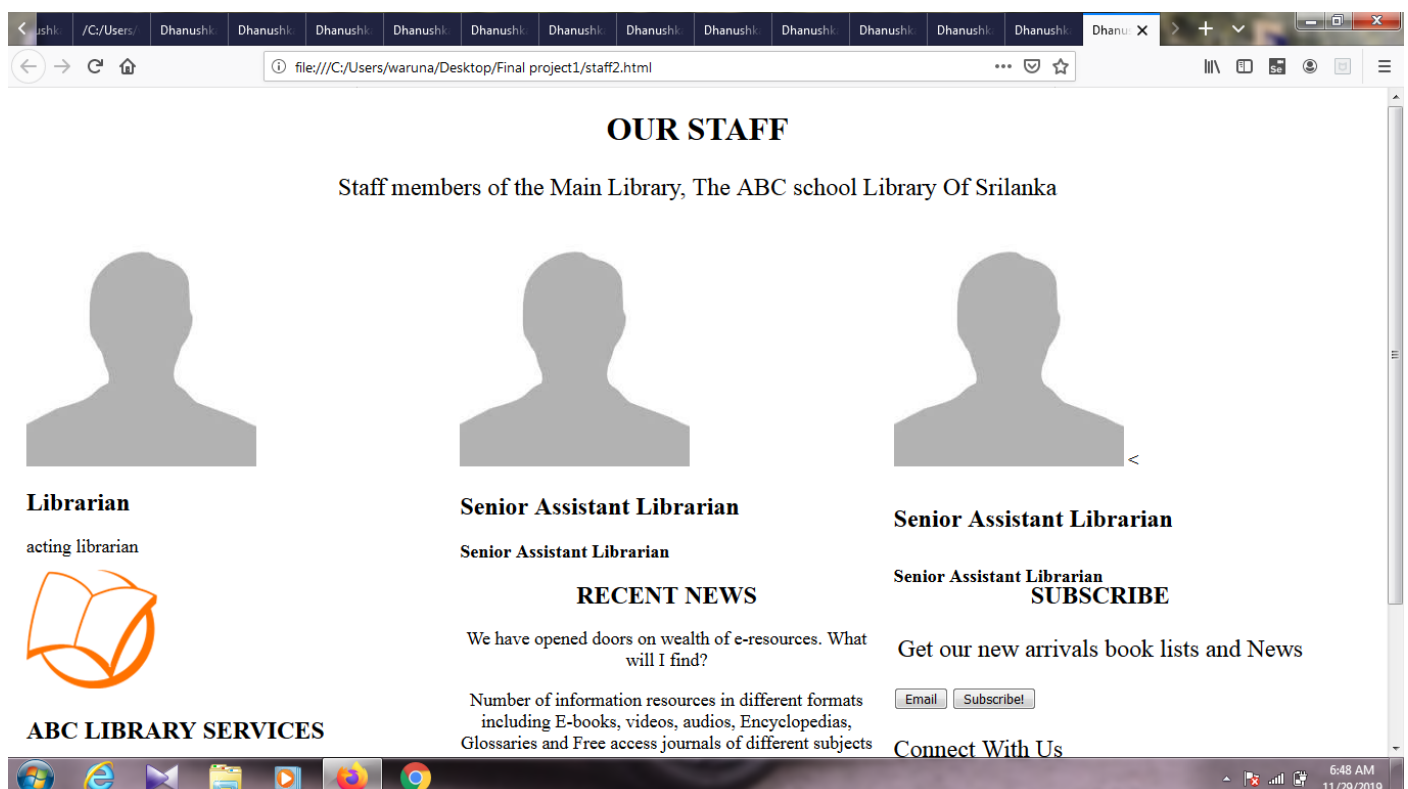


Figure10

Below is the Contact Us Page

The screenshot shows a web browser window with the address bar displaying 'file:///C:/Users/waruna/Desktop/Final project1/Contact-Form.html'. The page title is 'Our Contacts'. The form is divided into two columns. The left column contains the following text: 'Address', 'Main Library', 'The ABC School Library of Srilanka', 'P.O Box 61 Maradana', 'Colombo Srilanka', 'Email', 'lib_inquiries@ABC.ac.lk', and 'librarian@ABC.ac.lk'. The right column contains: 'Phone', '+94 112 881002', '+94 112 881005', 'Working hours', '8.30 AM to 6.00 PM', and '(Poya days and school holidays are closed)'. Below this, a heading asks 'Would you like to get some help in finding information?' followed by a paragraph: 'We are ready to support you by providing the information required for your teaching, learning and research activities. Forward your academic queries online or contact Library staff available at the inquiry counter, ground floor of the Library.' The form includes input fields for 'Firstname' (with placeholder 'Your name..'), 'Last Name' (with placeholder 'Your last name..'), 'Email' (with placeholder 'Enter Email'), and 'Phone' (with placeholder '10001'). There is a large text area for 'Message' with the placeholder 'Write something..'. A 'Send form' button is at the bottom left of the form area. The Windows taskbar at the bottom shows the time as 7:07 AM on 11/29/2019.

Figure11

Below are the Screenshots of checkout form

The screenshot shows a web browser window with the address bar displaying 'file:///C:/Users/waruna/Desktop/Final project1/check out form.html'. The form is titled 'Billing Address' and 'Payment'. The 'Billing Address' section includes fields for 'Full Name' (John M. Doe), 'Email' (john@example.com), 'Address' (542 W.Street), 'City' (Ganemulla), and 'Zip' (10001). There is a checkbox for 'Shipping address same as billing' which is checked. The 'Payment' section includes 'Accepted Cards' (VISA, MasterCard, American Express, Discover), 'Name on Card' (John More Doe), 'Credit card number' (1111-2222-3333-4444), 'Exp Year' (2018), and 'CVV' (352). A 'Submit' button is at the bottom left of the form area. A 'Cart' section at the bottom right shows a shopping cart icon with the number '4'. The Windows taskbar at the bottom shows the time as 11:32 PM on 12/3/2019.

Figure12

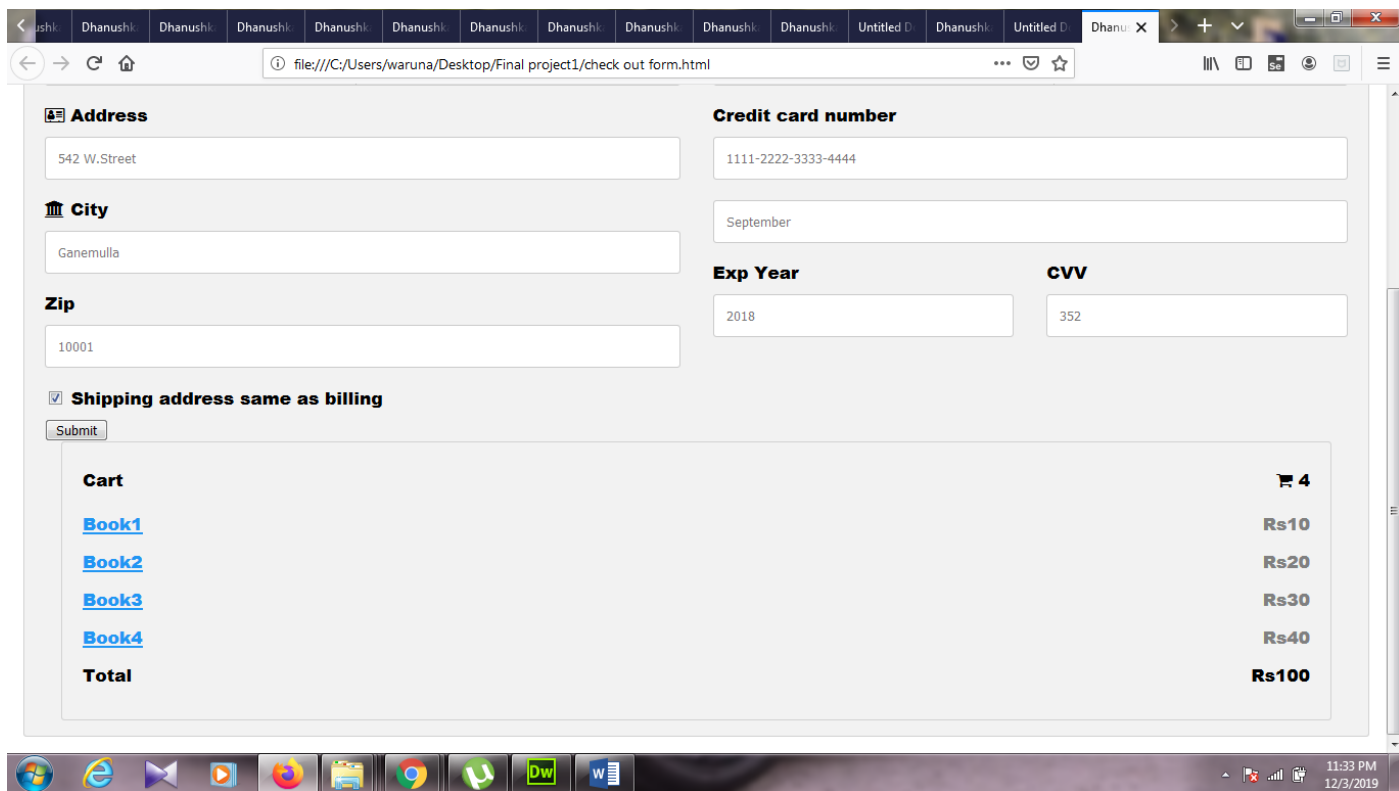


Figure13

Below are the screen Shots of E journal Database page.

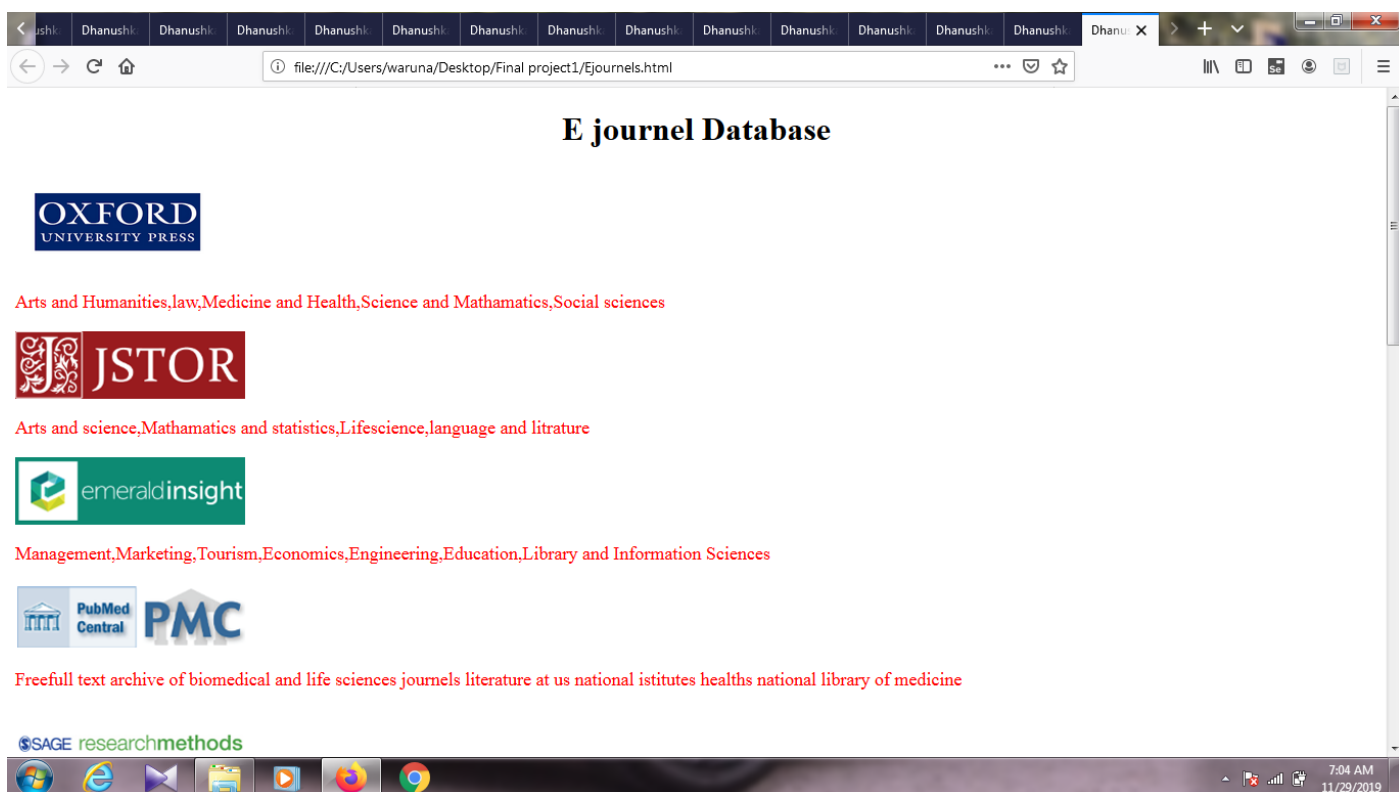


Figure14

Below is the screen shots of Ebooks page

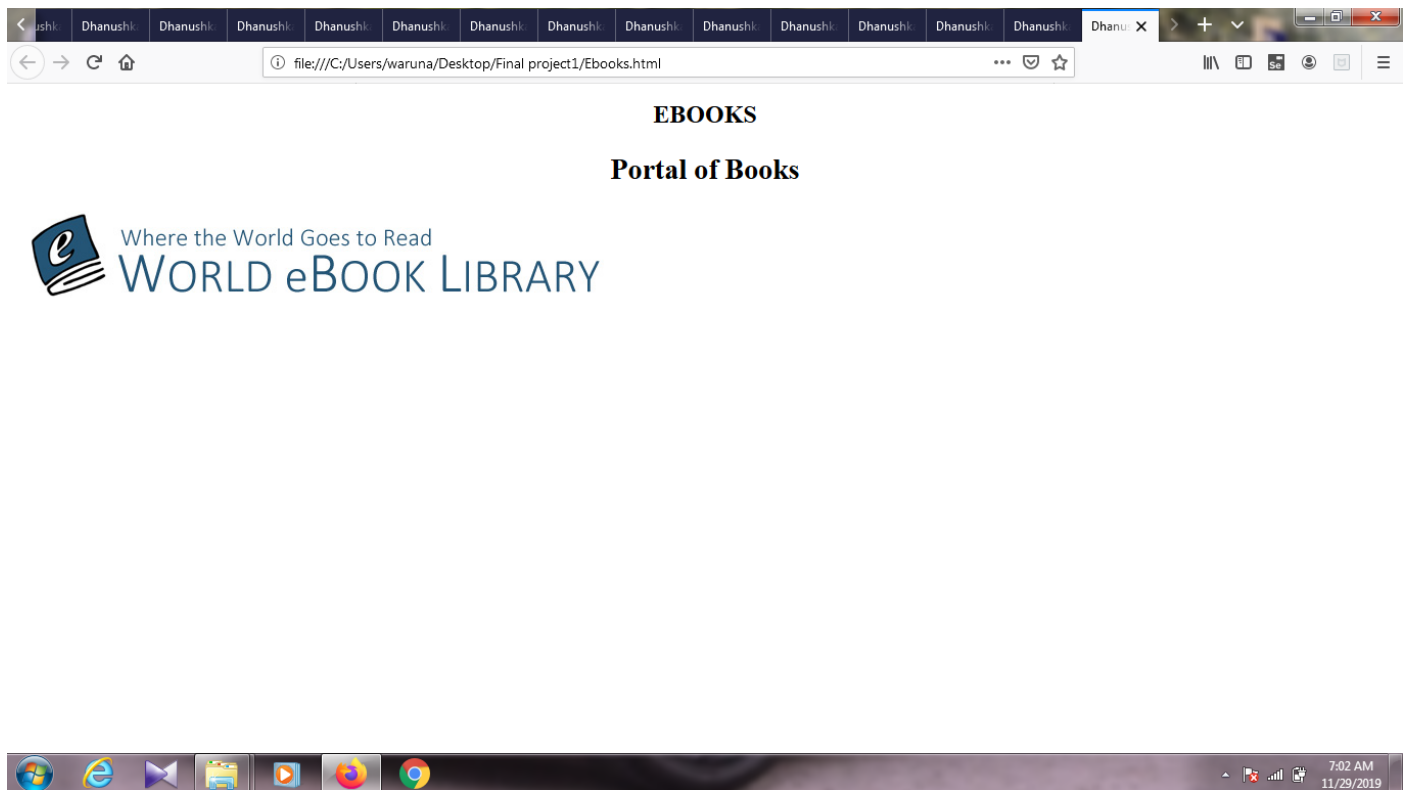


Figure15

Below is the Subscribe Page

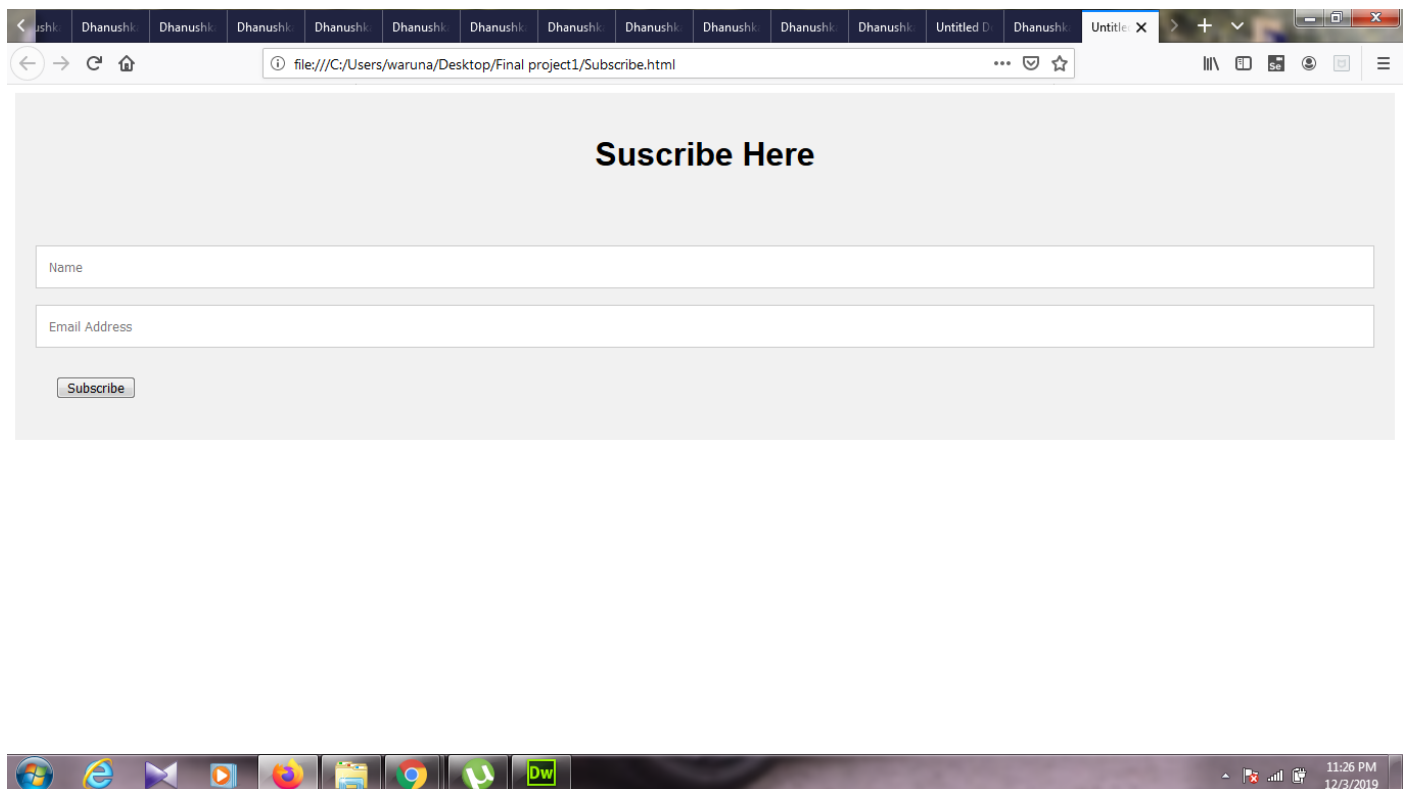


Figure 16