Lab Assignment 1

Mashup Application

Contributors

Team : 4-2

Member 1

- Name : Rahul Reddy Yerva
- Class id : 59

Member 2

- Name : Kavin Kumar Arumugam
- Class id : 63

Objective

1. [To Create Login (using OAuth client) and Register Page (using HTML 5 storage)](#)
2. [To Create Home Page (a Mashup web page using knowledge service)](#)
3. [To Design About and Contact Page](#)
4. [Good User Interface](#)
5. [Do Quality Check](#)
6. [To Create GitHub Repository](#)
7. [Use ZenHub for issues and increments](#)
8. [Create Wiki page](#)
9. [design a class diagram](#)

Design and Screenshots/Code Snapshots

1. Login and Register Page

We have used OAuth 2.0 service from [Google](#) and [Facebook](#) to login into home page.

Login Page

Login

Username

Password

☑ Remember me

Login	Register

————— or login with —————

G   f

Using Google OAuth

```
$scope.googleLogin = function () {
    var params = {
        'clientid': YOUR-API-KEY,
        'cookiepolicy': 'single_host_origin',
        'callback': function (result) {
            if (result['status']['signed_in']) {
                // location.href = "home_page.html";
                var request = gapi.client.plus.people.get(
                    {
                        'userId': 'me'
                    }
                );
                request.execute(function (resp) {
                    $scope.$apply(function () {
                        $scope.gmail.username = resp.displayName;
                        $scope.gmail.email = resp.emails[0].value;
                        $scope.g_image = resp.image.url;
                        localStorage.setItem("logged_user", "{" +
                            "\"name\":\"" + resp.displayName +
```

```
                        "\",\"email\":\"" + resp.emails[0].value +
                        "\",\"image\":\"" + resp.image.url +
                        "\"}");
                })
            })
        }
    },
    'approvalprompt': 'force',
    'scope': 'https://www.googleapis.com/auth/plus.login
https://www.googleapis.com/auth/plus.profile.emails.read'
    };
    gapi.auth.signIn(params);
};
```

Using Facebook OAuth

```
$scope.facebookLogin = function () {
    FB.login(function (response) {
        if (response.authResponse) {
            FB.api('/me', 'GET', {fields: 'email, first_name, name, id, picture'}, function
(response) {
                $scope.$apply(function () {
                    $scope.facebook.username = response.name;
                    $scope.facebook.email = response.email;
                    $scope.fb_image = response.picture.data.url;
                    localStorage.setItem("logged_user", "{" +
                        "\"name\":\"" + response.name +
                        "\",\"email\":\"" + response.email +
                        "\",\"image\":\"" + response.picture.data.url +
                        "\"}");
                });
            })
        }
    }, {
        scope: 'email, user_likes',
        return_scopes: true
    })
```

```
    };
```

Registeration Page

Sign Up

First Name

Last Name

Email Address

Username

Password

☐ I agree with the Terms and Conditions.

Submit

using HTML 5 Localstorage

2. To Create Home Page

We have created a Mashup page using [Google Knowledge Graphs](#)

Home Page

| Lab Assignment 1 | Home | About Page | Contact Page | | My Profile | Logout |

search

Search

Home Page Result 1

| Lab Assignment 1 | Home | About Page | Contact Page | | My Profile | Logout |

university of missouri kansas city

Search

Name	undefined
TYPE	Place,Organization,Thing,MovieTheater,EducationalOrganization,CollegeOrUniversity
Description	Public university in Kansas City, Missouri
Article	The University of Missouri-Kansas City is a public research university in Kansas City, Missouri, UMKC is one of four system campuses that collectively constitute the University of Missouri, and one of only 2 with a medical school.
Wiki Page	https://en.wikipedia.org/wiki/University_of_Missouri%E2%80%93Kansas_City
Website	http://www.umkc.edu/
License	https://en.wikipedia.org/wiki/Wikipedia:Text_of_Creative_Commons_Attribution-ShareAlike_3.0_Unported_License

Home Page Result 2

apple

Search

Name	Apple
TYPE	Corporation,Thing,Organization
Description	Technology company
Article	Apple Inc. is an American multinational technology company headquartered in Cupertino, California, that designs, develops, and sells consumer electronics, computer software, and online services.
Wiki Page	https://en.wikipedia.org/wiki/Apple_Inc.
Website	http://www.apple.com/it/
License	https://en.wikipedia.org/wiki/Wikipedia:Text_of_Creative_Commons_Attribution-ShareAlike_3.0_Unported_License

Google API code

```
$scope.getResult = function () {
    let search_word = document.getElementById("search-word").value;
    let url_part_1 = "https://kgsearch.googleapis.com/v1/entities:search?query=";
    let url_part_2 = "&key=YOUR-API-KEY&limit=1&indent=True";
    $http.get(url_part_1 + search_word + url_part_2).then(function (response) {
    }
}
```

3. To Design About and Contact Page

Contact Page

Contact Us

Team : 4-2

Kavin Kumar Arumugam
kaphc@mail.umkc.edu

Rahul Reddy Yerva
ryfh3@mail.umkc.edu

To Know More

---
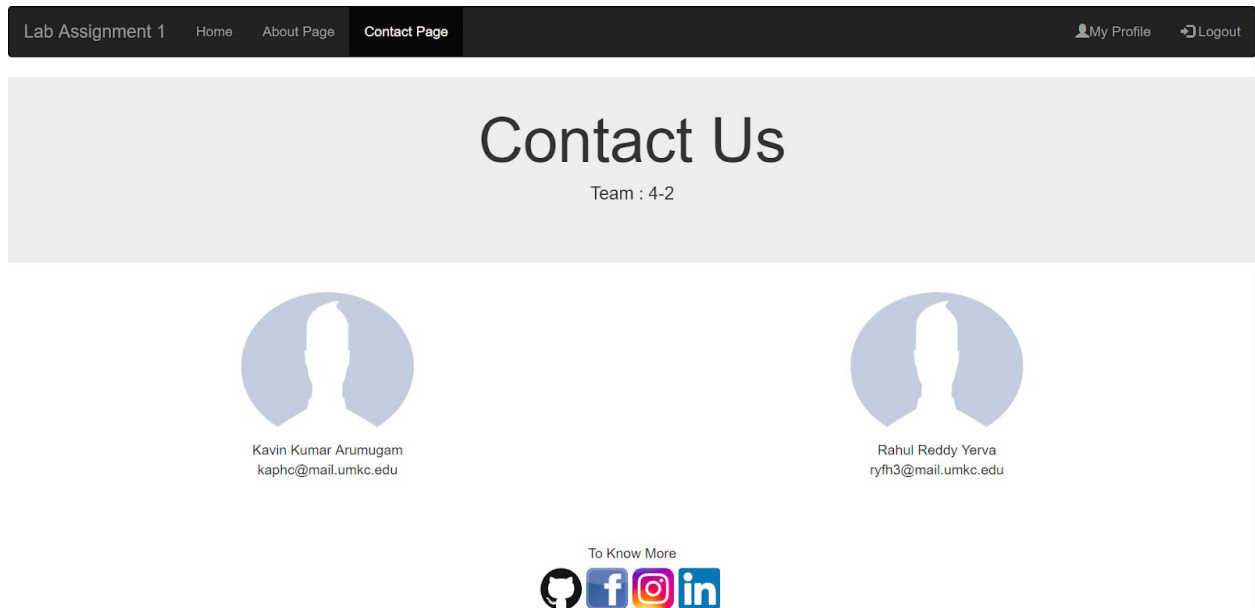
4. User Interface

We have made a good design of the HTML pages using CSS3.

5. Quality Check

We did quality check on JavaScript codes using JSLint tool.

```
204        if (response.authResponse) {
205            FB.api("/me", "GET", {fields: "email, first_name, name, id, picture"}, function (response) {
206                $scope.$apply(function () {
207                    $scope.facebook.username = response.name;
208                    $scope.facebook.email = response.email;
209                    $scope.fb_image = response.picture.data.url;
210                    localStorage.setItem("logged_user", "{" +
211                        "\"name\":\"" + response.name +
212                        "\",\"email\":\"" + response.email +
213
```

JSLint   clear

Warnings

Undeclared 'home_page'.	30.0
home_page.js;	
Unexpected expression '.' in statement position.	30.9
home_page.js;	

6. To Create GitHub Repository

- Created a repository as "CS5551_Team_4_2_LabAssignments".
- Created two directories in github as Source and Documentation.

7. ZenHub Tool

Zenhub Board
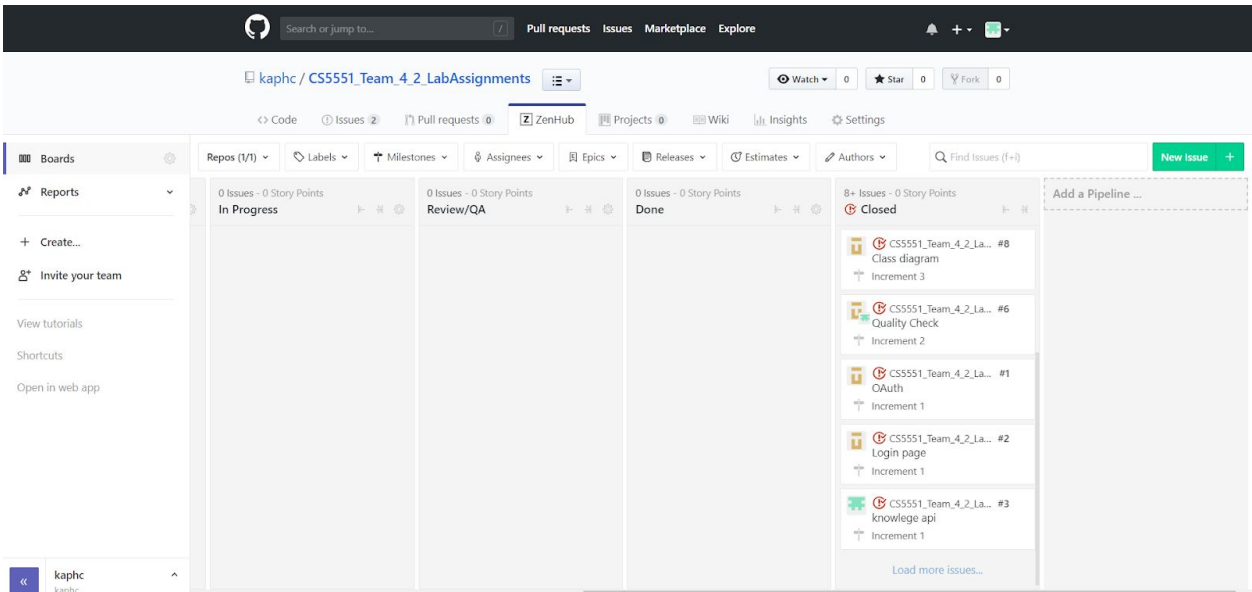
Zenhub Increments

Zenhub Issues

8+ Issues - 0 Story Points

Closed

CS5551_Team_4_2_La... #5
Contact Page
Increment 2

CS5551_Team_4_2_La... #4
About Page
Increment 2

CS5551_Team_4_2_La... #7
Wiki page
Increment 3
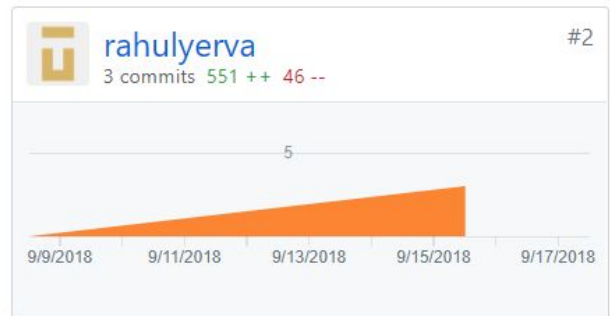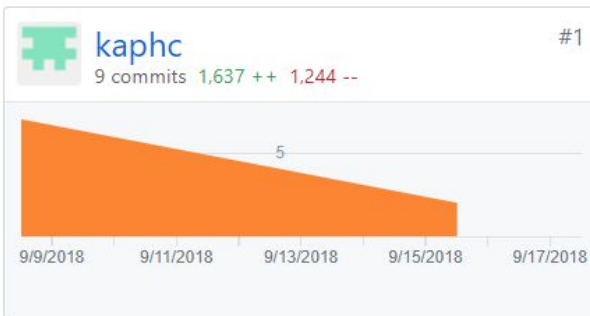
CS5551_Team_4_2_La... #8
Class diagram
Increment 3

CS5551_Team_4_2_La... #6
Quality Check
Increment 2

CS5551_Team_4_2_La... #1
OAuth

Zenhub Analytic Graph

Contributions to master, excluding merge commits

kaphc #1
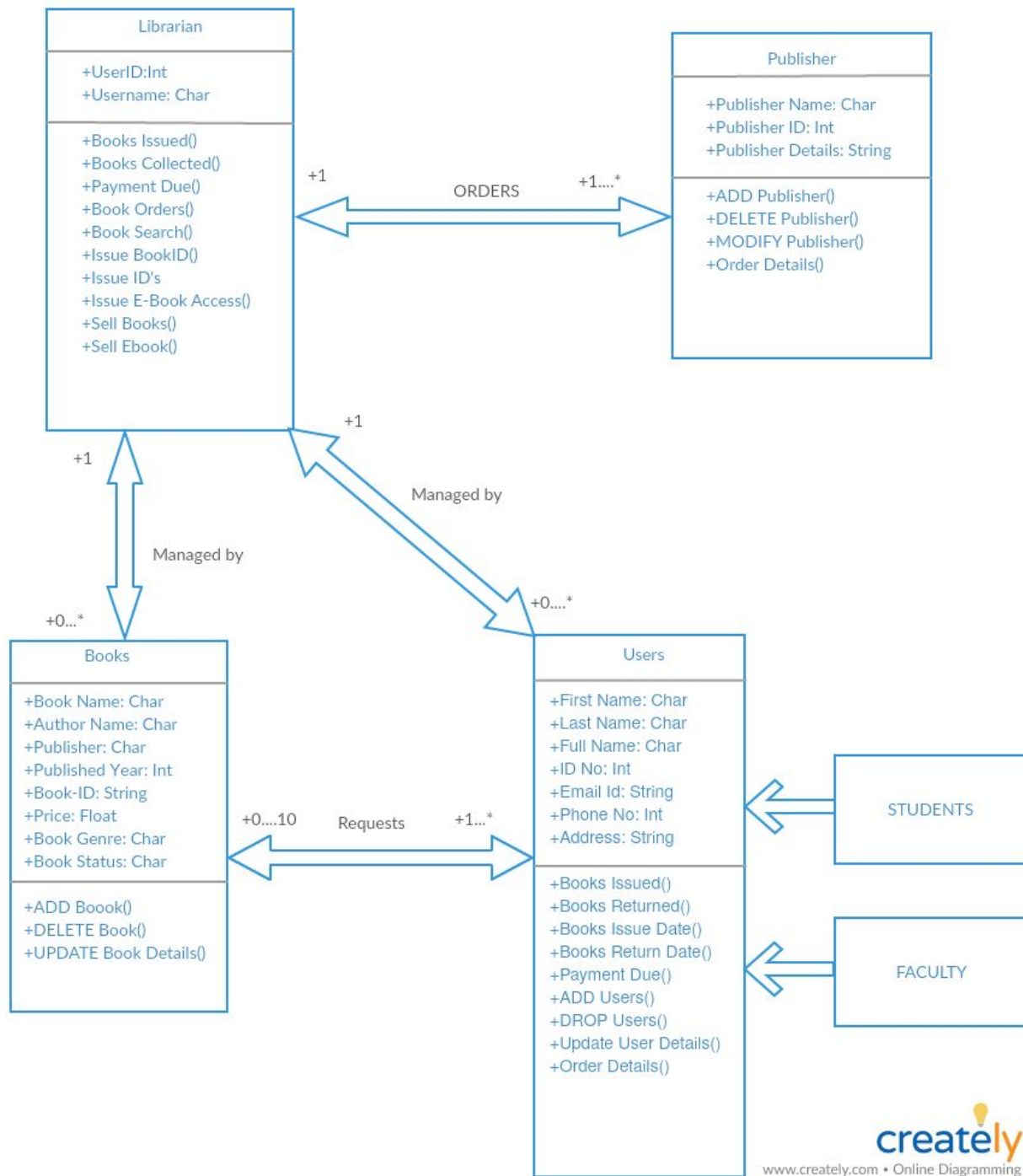9 commits 1,637 ++ 1,244 --

rahulyerva #2
3 commits 551 ++ 46 --

8. Create Wiki page

Create wiki page in our repository.

9. Creatly Tool

Created a class diagram for school library system using Creatly tool.

Video

Link to code execution - here

Contribution By

Rahul Reddy Yerva

- Created Login page (using OAuth client) and Register Page (using HTML 5 storage)
- JavaScript Quality Check
- Class diagram for school management system

Kavin Kumar Arumugam

- Created Home Page (a Mashup web page using knowledge service)
- Designed About and Contact Page
- Wiki page creation and documentation
- Integration of over all application