



Proposal

Zohaib Ali | Capstone Project | May 25,2019

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Executive Summary

Dear Steve,

Thank you for giving us opportunity to submit the proposal for the development of Manitoba community website. Phlox is a creative web designing company located in Winnipeg Manitoba. Phlox consists of well experienced professional company, who possesses the skills what they need to build a website.

Phlox is a successful company who builds a website for many businesses, multinational companies, governments and many other corporations. Phlox is well known company in terms of accuracy, greater time efficiency and customer satisfaction.

If you have any queries, please don't hesitate to contact. We are looking for upcoming meeting to discuss further into the project.

Sincerely

Phlox

506 Spence street

Winnipeg, MB

Canada R3B2R7

Zohaib.ali@plox.ca

Phone: +(431)337-7349

1.0 Background:

Manitoba Community Center is a well-known community organization who works for the betterment for the community. Manitoba Community Centre currently running many different programs especially for children, youth and senior citizen. They are also planning for running rehabilitation centre for drugs addicted people. This organization is based in Manitoba's capital Winnipeg. Community. Community center previously had a website, but it is not according to modern streamlined, intuitive, easy to use and branding. The website starts deteriorating over a period. The content of the website is very complex, and it starts making the viewer's difficult to understand. Competitors of this community center is far ahead in terms of presenting themselves online. They have very attractive website look and features in their website to attract the customer.

2.0 Goals and Objectives:

The objective of this organization is to design, branding, improve the structure and add new unique features. The branding will enhance the presentation of the website. The website will design the content of the website and it will make the viewer easy to read and understand.

This modification will attract the target audience and it will enhance programs activities. New website will compel stockholders to come to the website and acquire new information about organization. The goal of this website is to increase the membership of this community by online presence.

2.1 Functional Websites:

The main objective of the websites is to make fully functional website with backend coding. We will provide a feature for registration for incoming events, with option of donation. The admin will able to see the log file, reports related to the events and number of registrations.

General Requirements

- Daily content update.
- Real time scheduling of events
- Registration page for these events
- Sponsor information related to these events
- Donations option available for everyone.
- Location information.
- Sponsors information
- Redesign and branding the new website will reflect the better look.
- Organized the existing content.
- Easy to use and structured the navigation.
- Scalable web will be achieved by using database.

2.2 Security Requirements:

XSS Protection:

Cross site scripting is a code injection attack in which a user incorrectly validating the data by using forms. Injected code can be any malicious code like JavaScript, CSS, HTML and others. Mostly cross site scripting occurs due to insecure code practises. We can prevent this type of attack by ensuring the following security layers. These layers are:

Validation:

Validation will ensures the right data type must pass through forms. For example age field must be in integer type.

Data Sanitization:

In data sanitization, ensuring the safely removing the unwanted bits and normalize the data in a correct form. Validation and sanitization go hand in hand.

Output Escaping:

In order to output to the user, you should escape out to the user in a presentable form. For example, `htmlspecialchars` and `htmlspecialchars` are used for escaping out.

CSRF Protection:

CSRF attack occur when email, blog or a program forces user to perform unwanted action when user is authenticated. To guard against this attack, we will use randomly generated CSRF token. When user attempted to carry out an important action, then we will compare receive token with stored token. This will give CSRF protection.

User Authentication:

In user authentication, `password_hash()` and `password_verify()` will ensure the security of authentication.

Admin Authentication:

The same security features of user authentication will follow by adding extra flag field. This field will identify the admin.

2.3 Business Scenario:

Data will be mostly information related to the events. For example, Information related to the events are name, location, description, timings etc. Sponsors data will be like contacting information like address, phone number and postal code etc. Participants information will be his general information. All the information will be kept confidential.

Unauthenticated users should be to see the actual schedule, description related to upcoming events, information related to the event. Sponsors information like media coverage and social gathering with community. Donations option will be available for everyone. Numbers of slots available, timing and location of the event.

Authenticated users will be available to see the profile, receipt, edit option and cancellation. Authenticated will get news related to the event. Reminder will be available for authenticated users.

Administrator can add, delete and update information related to the events. Administrator will able to see the information related to the users like log file.

3.0 Project Scope:

This project will be able to bring community together. This website will provide charity to the needy people in the society. This website will provide the option for registration of events. Many organizations will be able to use this to schedule their events. This website will promote diversity and strength.

4.0 Target Audience:

4.1 Primary audience:

The primary target audience of this Manitoba community center are children's, youth, elders and the one who are affected by using drugs. In Manitoba community center, we are having a different program for the children like playing activities and baby day care service. Community will help youth to get equipped with basic skill like two to three-month short training courses. These training will help them to get a job and be able to be a bread winner of the family. Manitoba Community also hold special programs for elders like social gathering etc.

4.2 Secondary Audience:

The secondary of this community center are mature adults. There are few events in which adults can take part like volunteer work, parents meeting etc.

5.0 Solution:

The client must provide a solution related to different things like content, photographs. It is the duty of the vendor to provide the things related to branding. The development and launch plan will be according to the comfort of the vendor

The following solutions are:

- Designing and Branding make website look better and easy to use.
- Structure and organizes the content
- Easy to understand and easy the navigation.

- High level of scalability and portability.
- Application Server, database server and documentation will make future easy to upgrade.
- Feature for new user to register

4.0 Qualification:

Phlox Solutions is a well-known IT company in a market. Phlox have an experience of working with different charitable and community for websites.

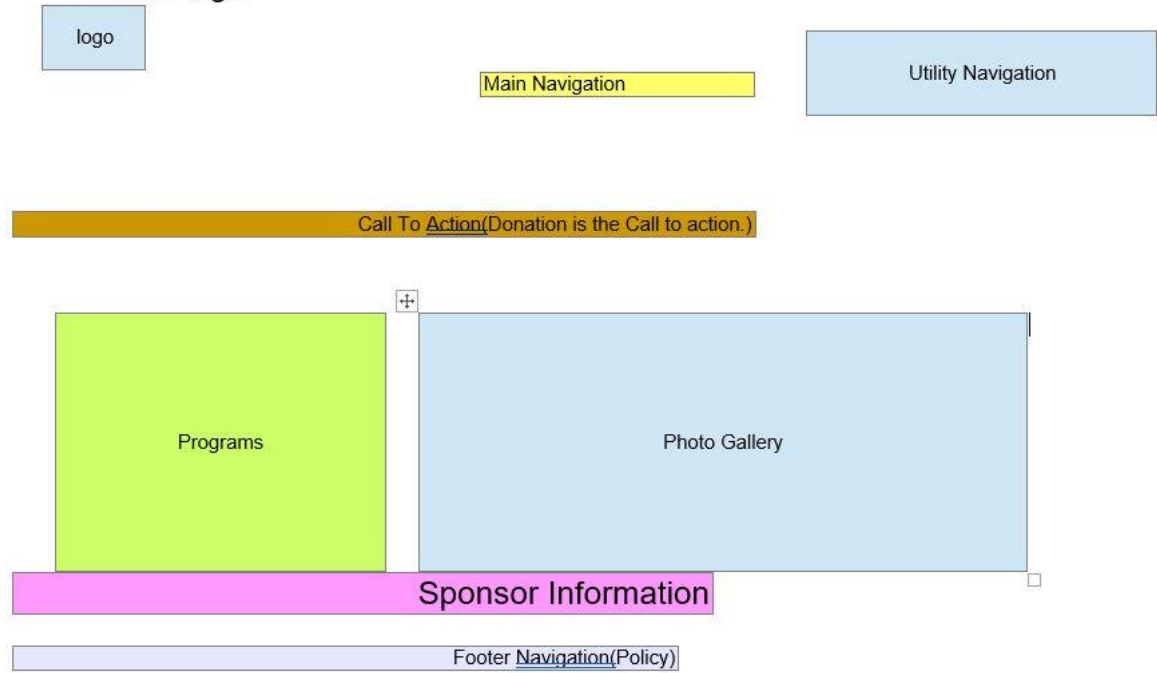
We have qualified professional team members. All the them having qualified experience of more than 5-year experience. We have an experience of working with small and medium size websites of different companies in a market. Each team members have their own portfolio, and the following reflects the field of expertise in respective domain.

List of Team Members:

Name	Expertise	Experience
Zohaib Ali	Team Lead	8
Stephen	Designer	7
Wilmer	Programmer	9
Victor	Technical Writer	6

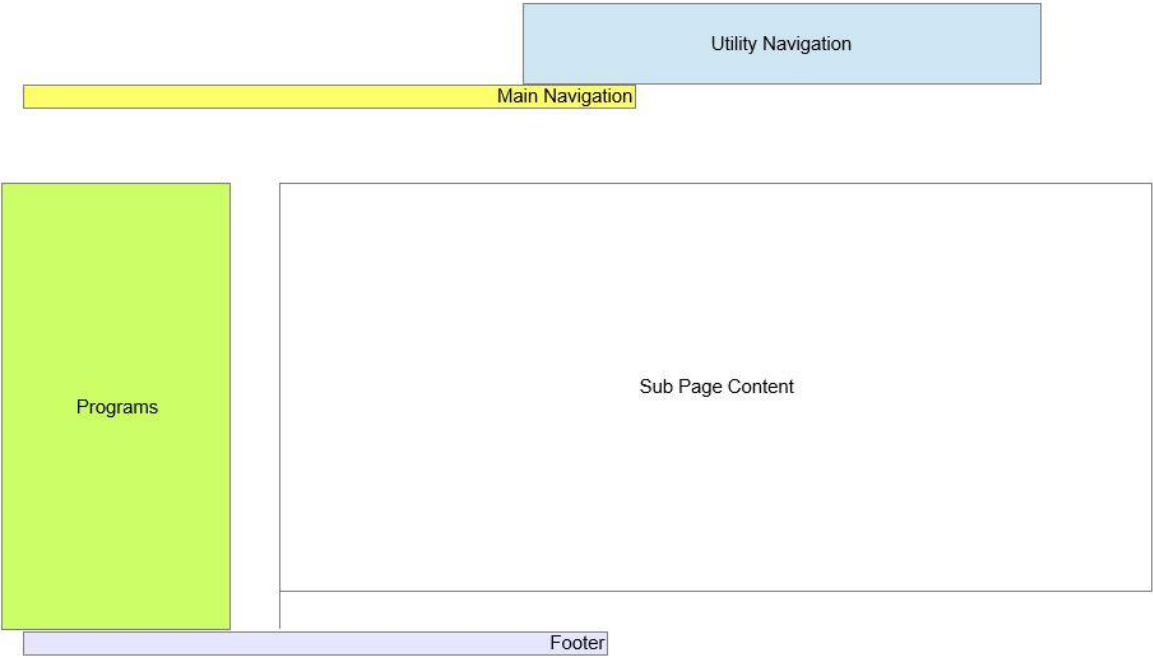
5.0WireFrame

Home Page

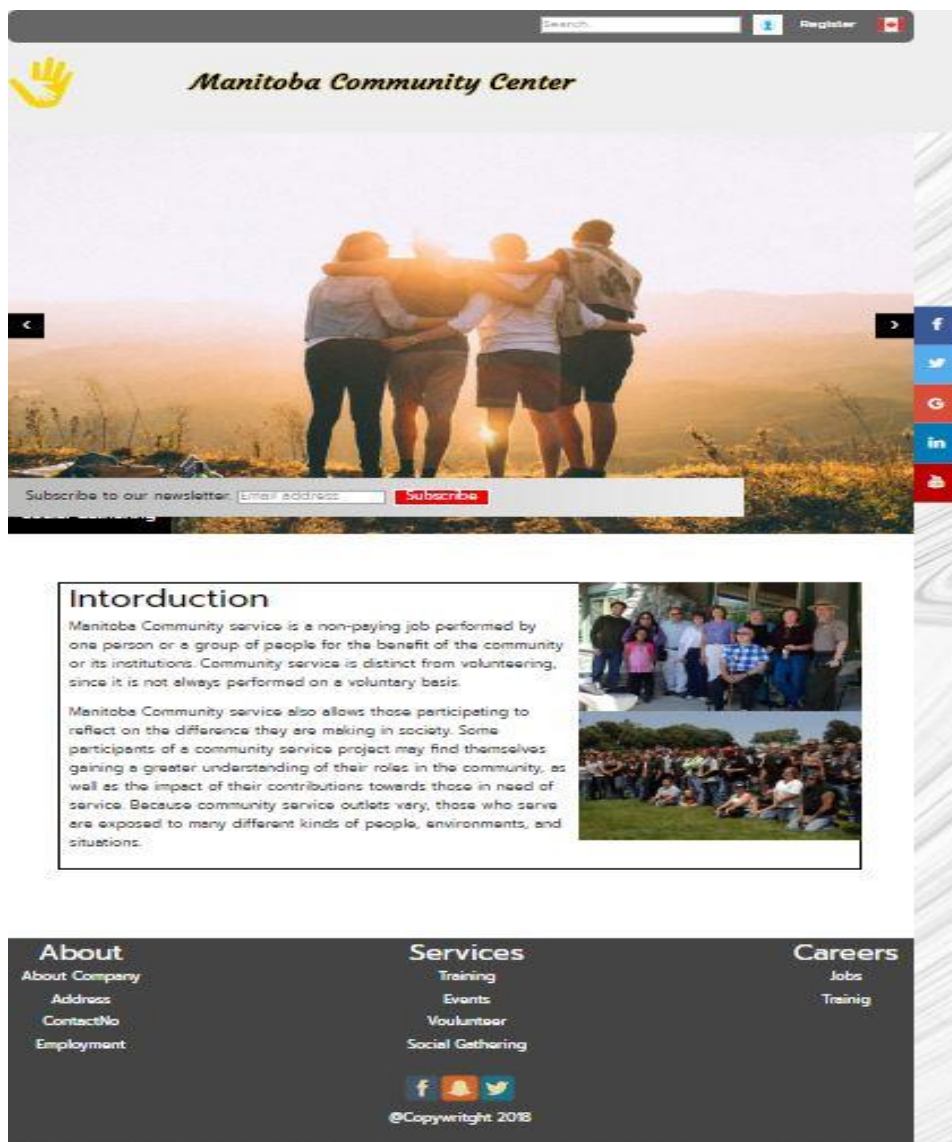


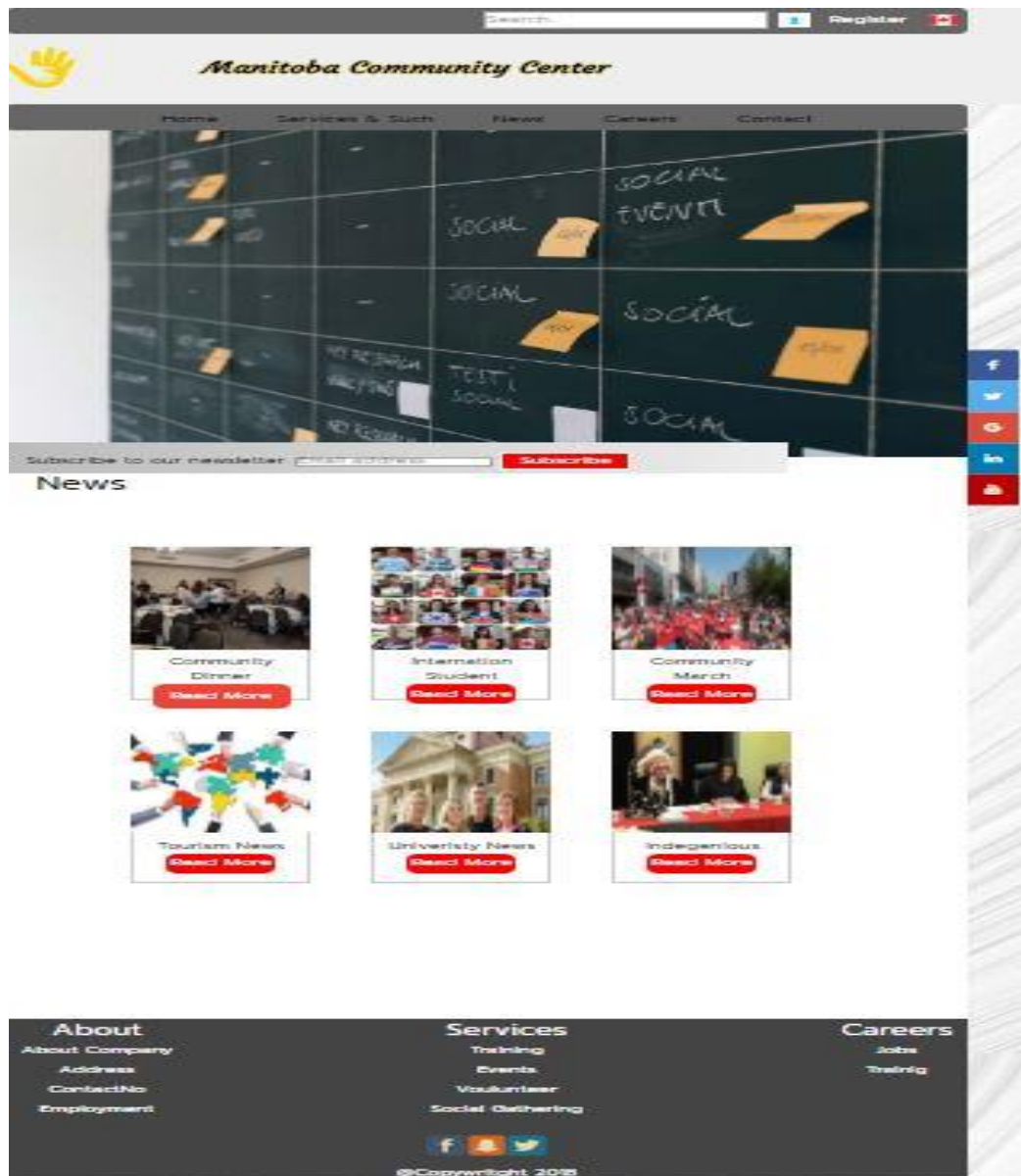
Sub Page

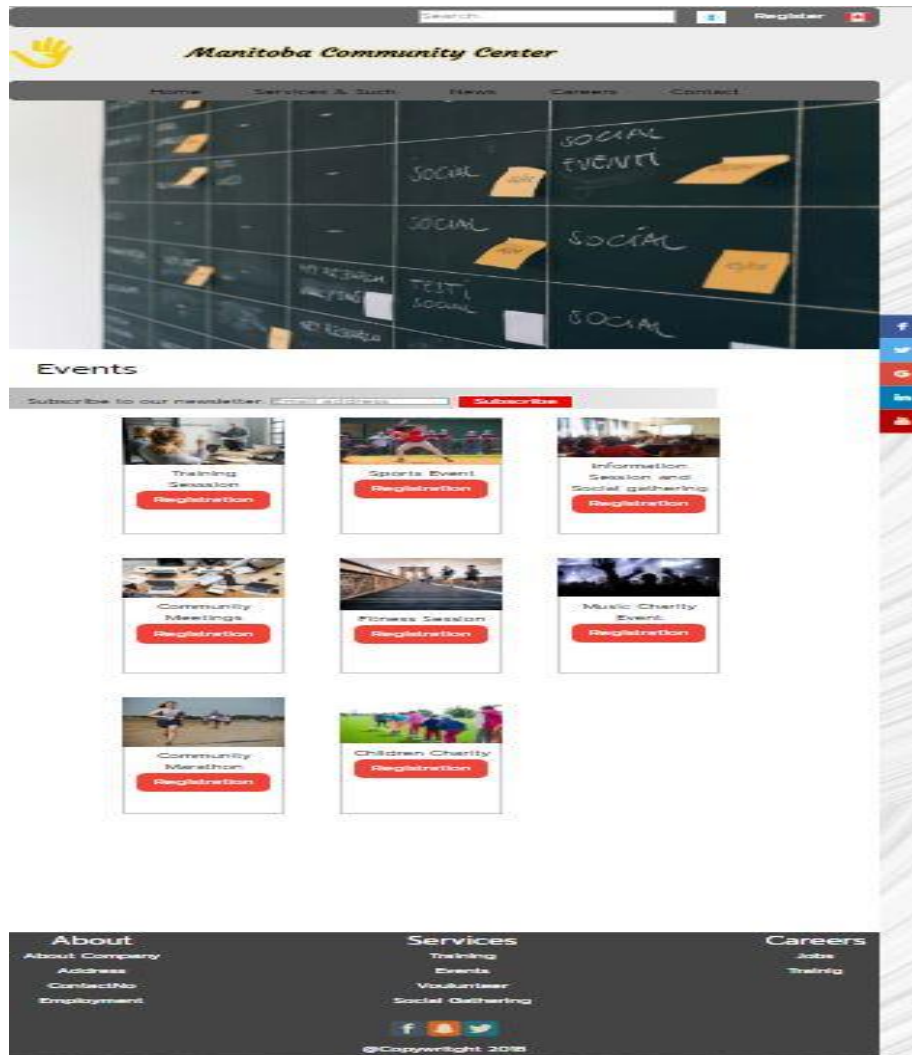


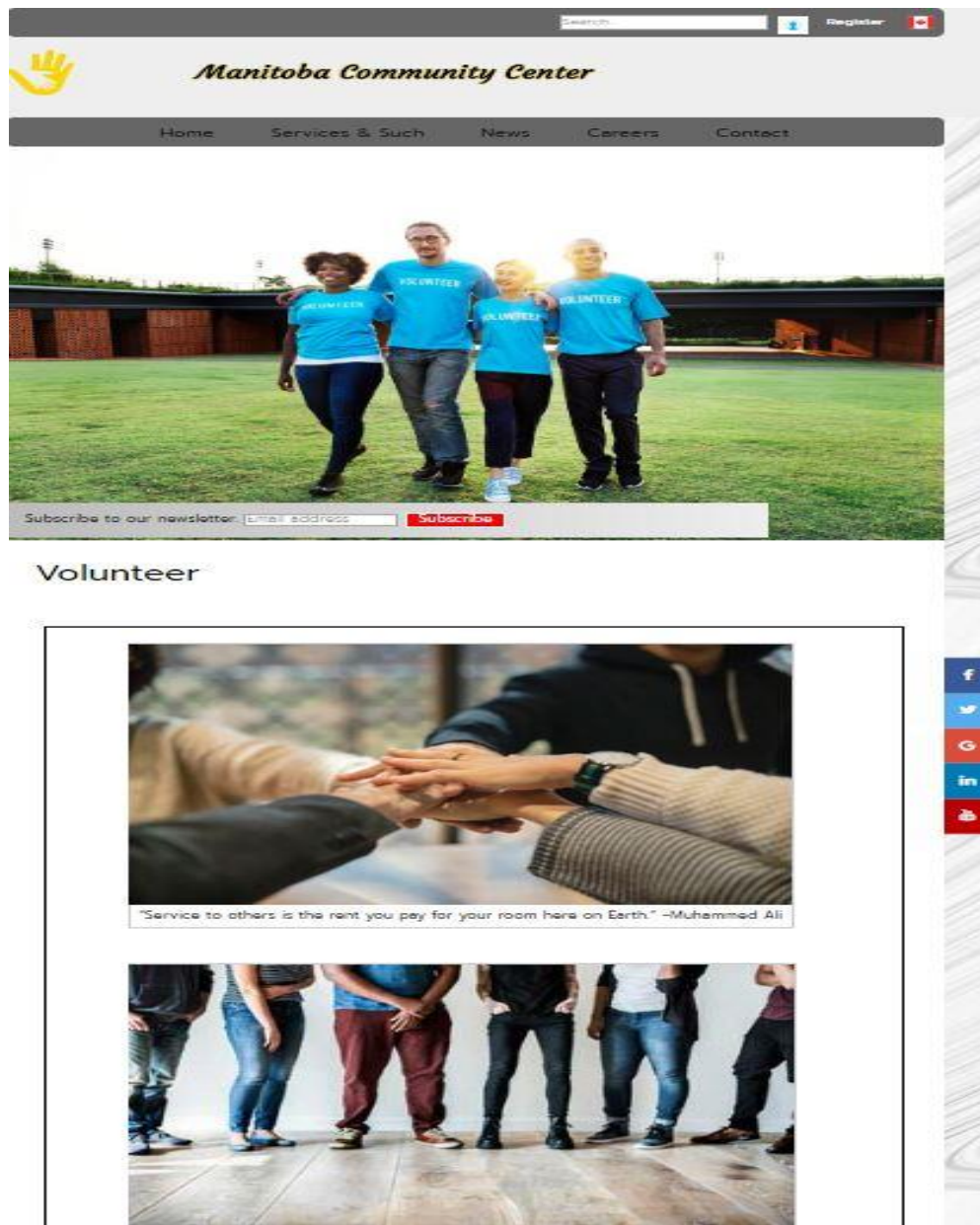



6.0 Design Mockup :



















Manitoba Community Center


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First Name

Last Name




Country

Subject

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@Copyright 2018

7.0 Competition:

Different community service organization in the region are the competitors of WECC. Unique selling point is community service for the community in that region. Community service will help the people to understand each other through recreational activities. Coaching and training also one of the selling points to skills the people in that region for better employment opportunities. Client like the websites of the competitors. They have unique features in their website which attract towards them. One of the main thing's client like about competitors' websites is advanced features and easy to navigate.

8.0 Work Plan:

Planning:

In this phase we will cover in this phase with Manitoba Community Website regarding updating content, database implementation, site content, designing. For approval, we will make a creative brief for Manitoba Community Website.

In this phase deliverables will be sitemaps, Outline Cost and Schedule and block comps.

Designing:

In designing, we will cover with Manitoba Community Website regarding design content, design site and refinement.

In this phase deliverables will be Finalizes PSDs of the site Design, approved final content.

Estimated date: December 2,2015

Programming:

In the programming phase we will cover with Manitoba Community Center regarding programming, front end code, slices those PSDs into web element of the website.

In this phase deliverables will be Programs, normalization and modeling of database, Documentation and full function website

Estimated date: December 4,2105

Launch and Maintenance:

In this phase, we will cover with Manitoba Community Center functional testing, server setup, deployment.

In this phase deliverables will be live website

Estimated date: December 7, 2018

Conclusion:

We appreciate that Winnipeg base Manitoba Community Center to give a chance to present a proposal for their website. We are looking for positive response from them.

9.0 Workback Schedule

From: Zohaib Ali (PHLOX SOLUTIONS)

Email: zohaib_ali204@yahoo.com

To: Steve George, WECC

Re: Workback Schedule for Website Development

Date: Sept 21, 2018

Task	Responsible	Date
Work Starts	Phlox solutions	May 13, 2019
Clarify the Expectations	Phlox solutions	May 13, 2019
Discovery Documents to client	Phlox solutions	May 28, 2019
Feedback	MCC	May 13, 2019
Review of Documents	Phlox solutions	May 14, 2019
Planning Documents to client for approval	Phlox solutions	May 14, 2019
Planning documents approved	MCC	May 14, 2019
Design and Content Begins	Phlox solutions	May 15, 2019
Content Development Begins	Phlox solutions	May 15, 2019
Design Complete	Phlox solutions	May 16, 2019

Content Development Complete	Phlox solutions	May 17,2019
Review of Design and Content	Phlox solutions	May 17,2019
Design and Content to Client	Phlox solutions	May 17,2019

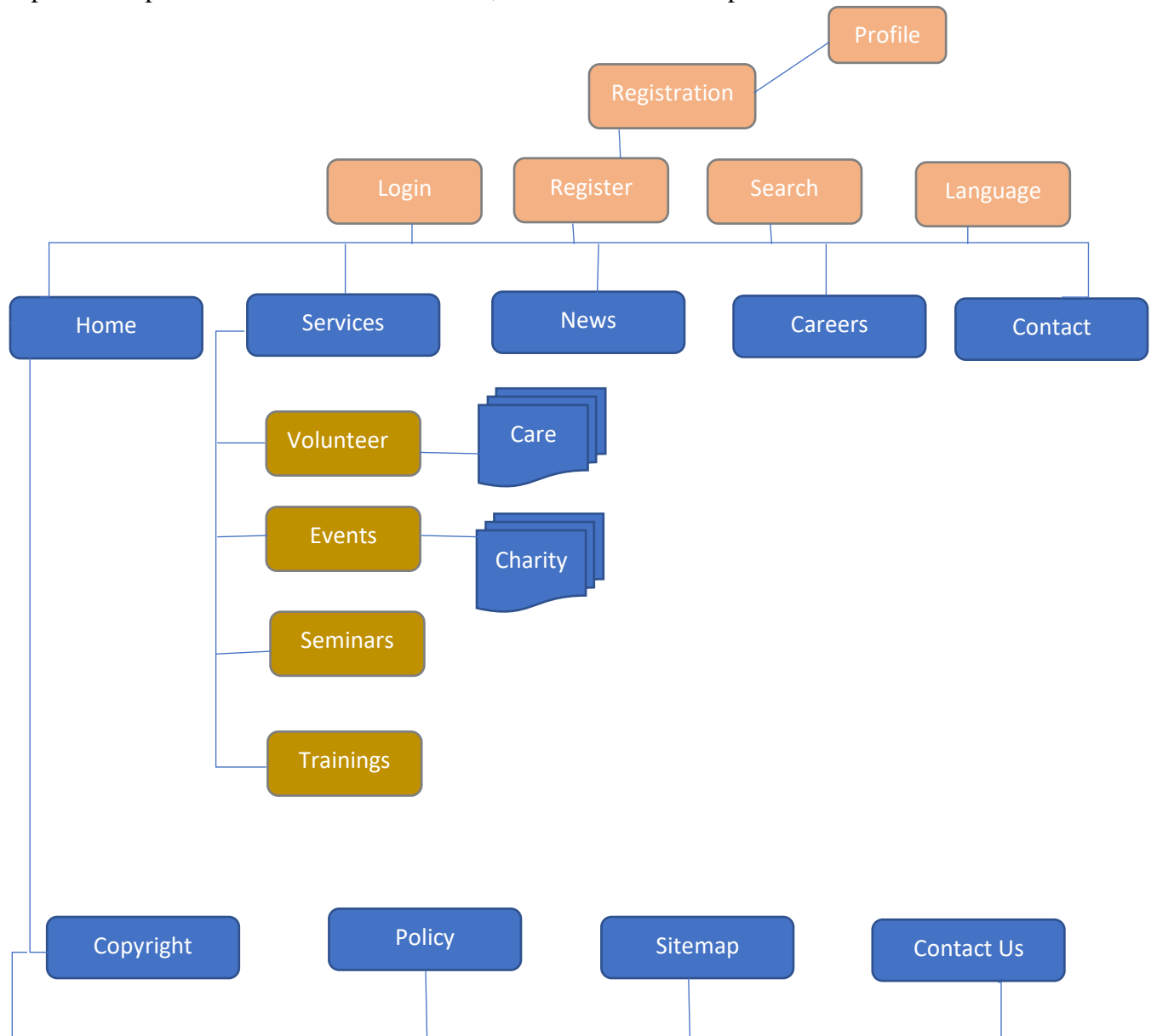
1

Feedback	MCC	May 18,2019
Design and Content for Approval	Phlox solutions	May 18,2018
Design and Content Approved	MCC	May 19,2019
Coding/Programming	Phlox Solutions	May 20,2019
Review PSDs and Plan Approach	Phlox Solutions	May 20,2019
Slice PSDs into Web Optimized Elements	Phlox Solutions	May 20,2019
Front End Coding	Phlox Solutions	May 21,2019
Backend Coding	Phlox Solutions	May 24,2019
Testing	Phlox Solutions	May 28,2019
Programming/coding to clients	Phlox Solutions	May 28,2019
Feedback	MCC	May 28,2019
Programming/coding for Approval	Phlox Solutions	May 29,2019
Programming/coding for Approved	MCC	May 29,2019
Launch /Maintenance starts	Phlox Solutions	May 29 2019
Server Setup	Phlox Solutions	May 29,2019

Testing	Phlox Solutions	May 29,2019
Website Update	Phlox Solutions	May 30,2019
Review	MCC	May 20,2019
Bugs Or error Fixing	Phlox Solutions	May 30,2019
Work Ends	MCC	May 30,2019

10.0 Sitemap:

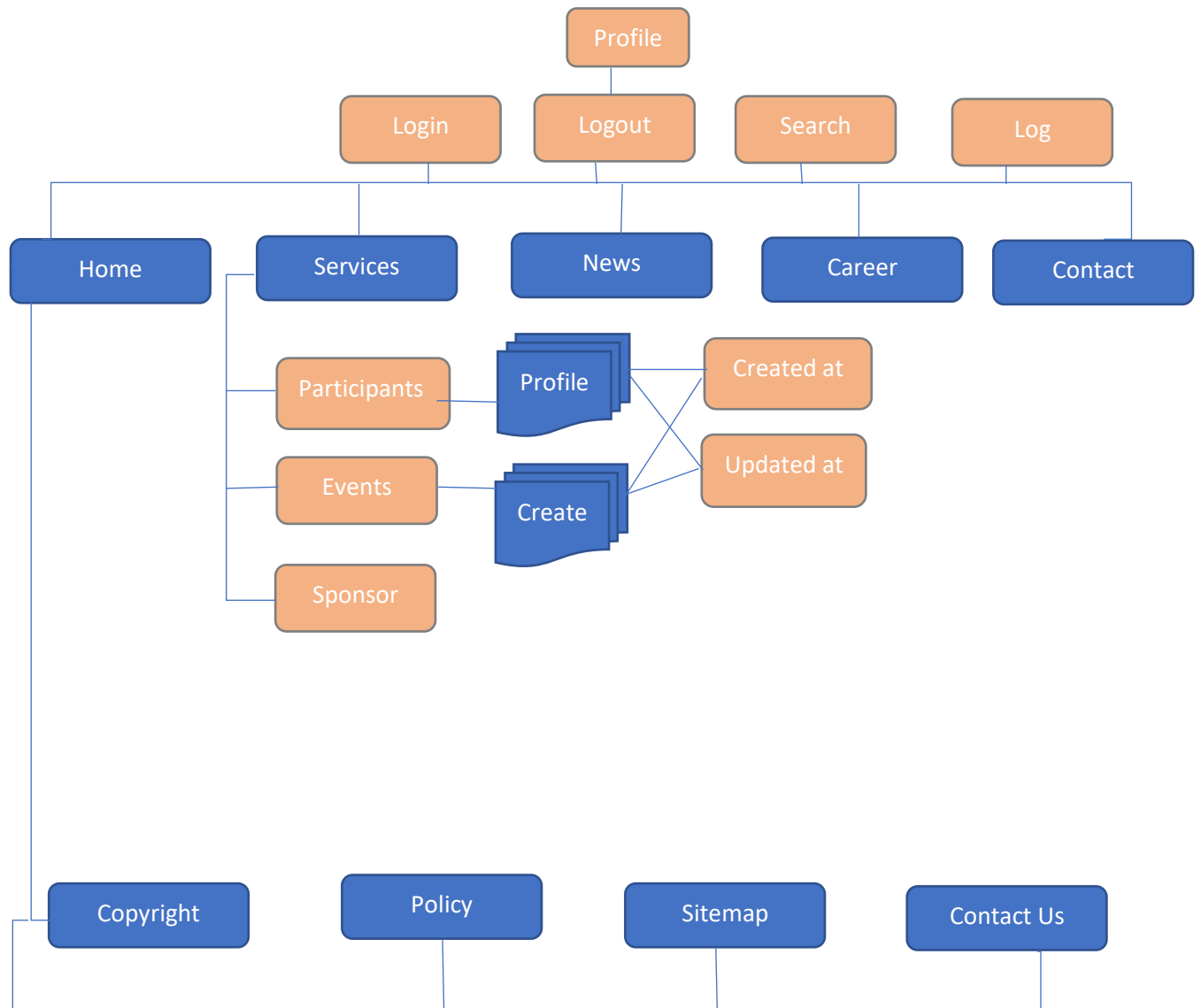
Manitoba Community Website have five pages in their main navigation and four pages in their utility navigation. Some main navigation page has different sub pages which represent different functionality. Donation is the call of action in the websites. In footer we have different pages to represent important information like contact, social media and map.



Sitemap MCC

Zohaib Ali

Admin sitemap



Sitemap MCC

Zohaib Ali

11.0 Budget:

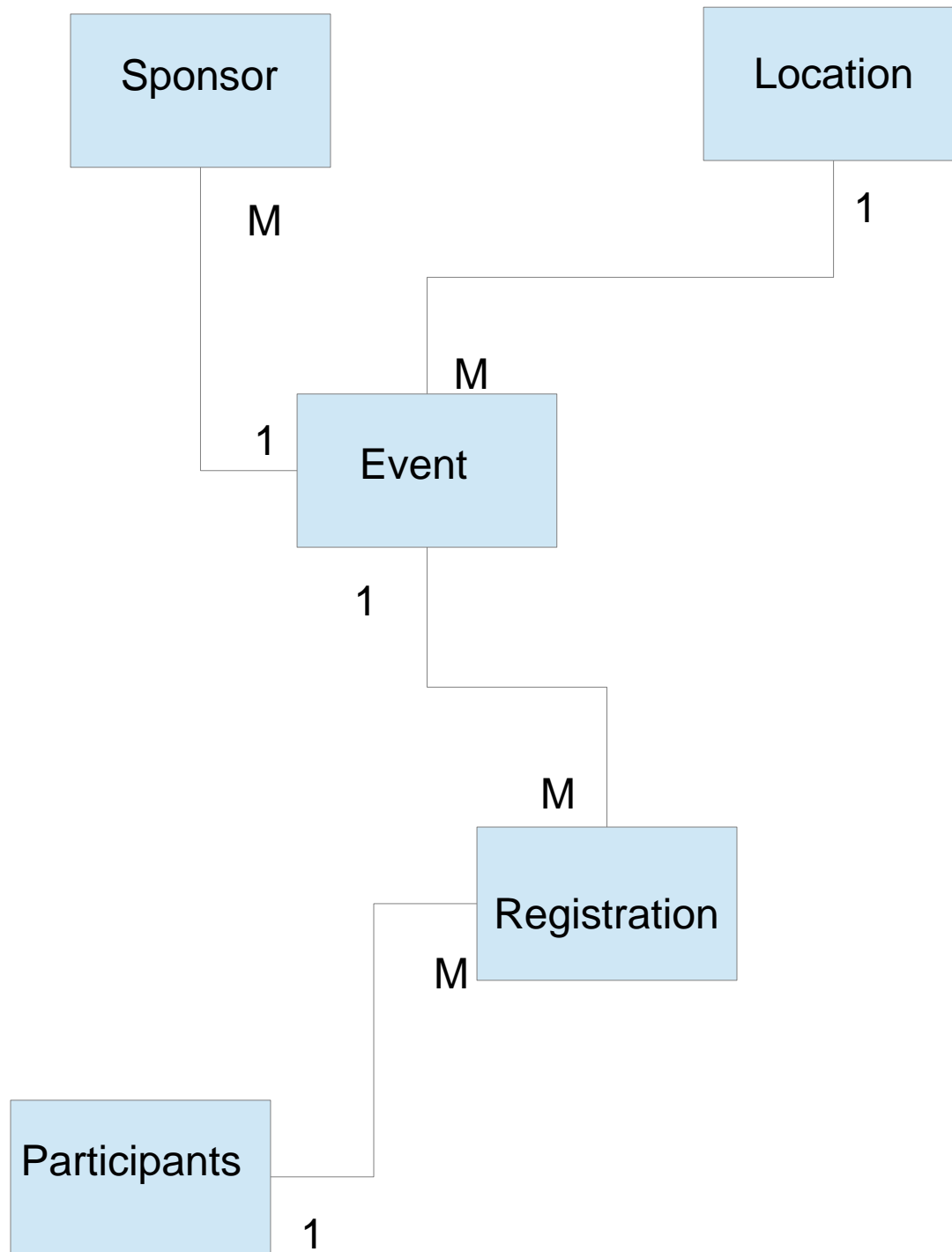
The following is a budget plan:

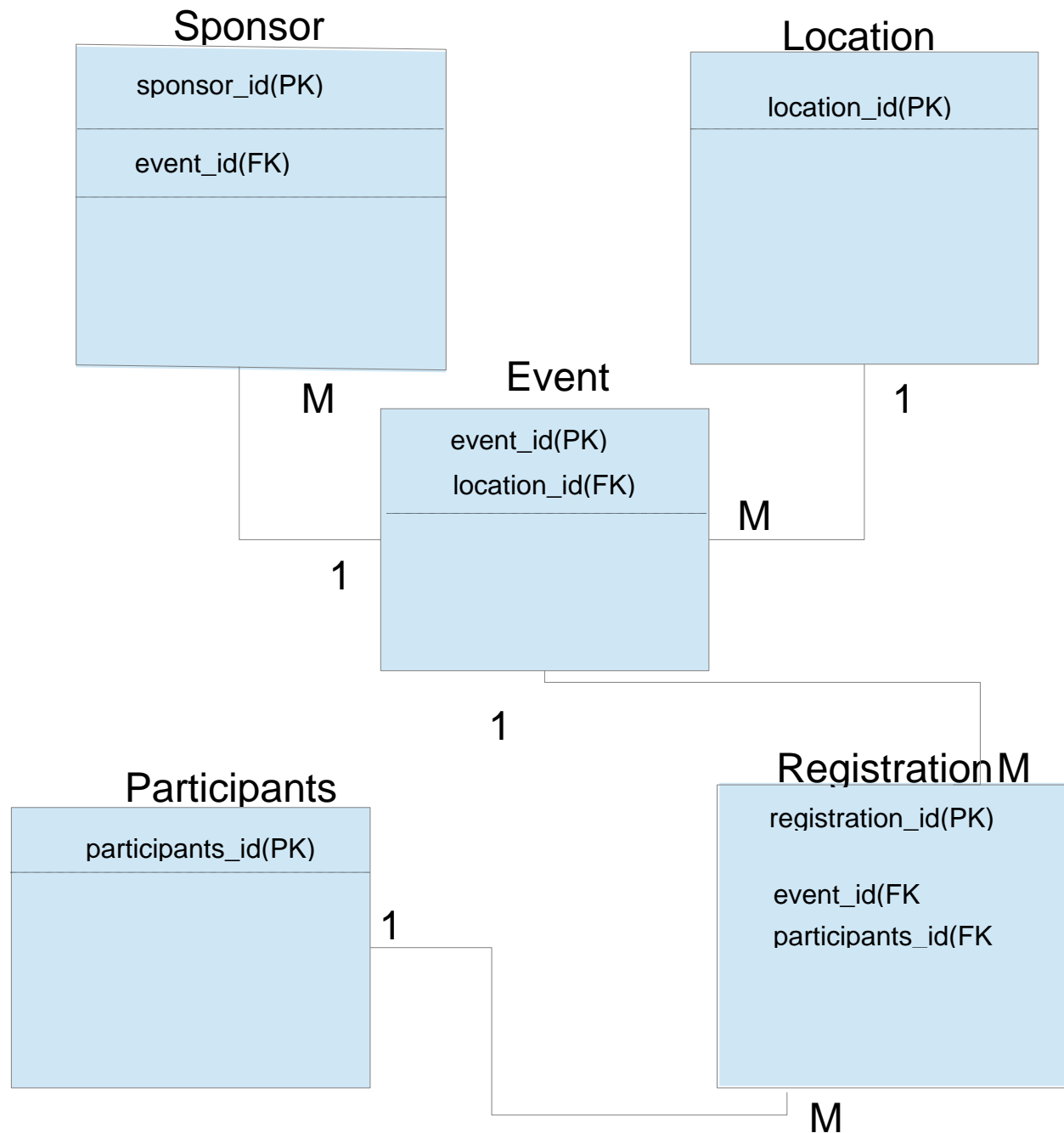
Phase	Cost
Planning	\$3500
Designing	\$7200
Coding	\$7200
Launch	\$2500
Admin Fee	\$1500
Total	\$21900

Service rate per hour is CAD \$100.00

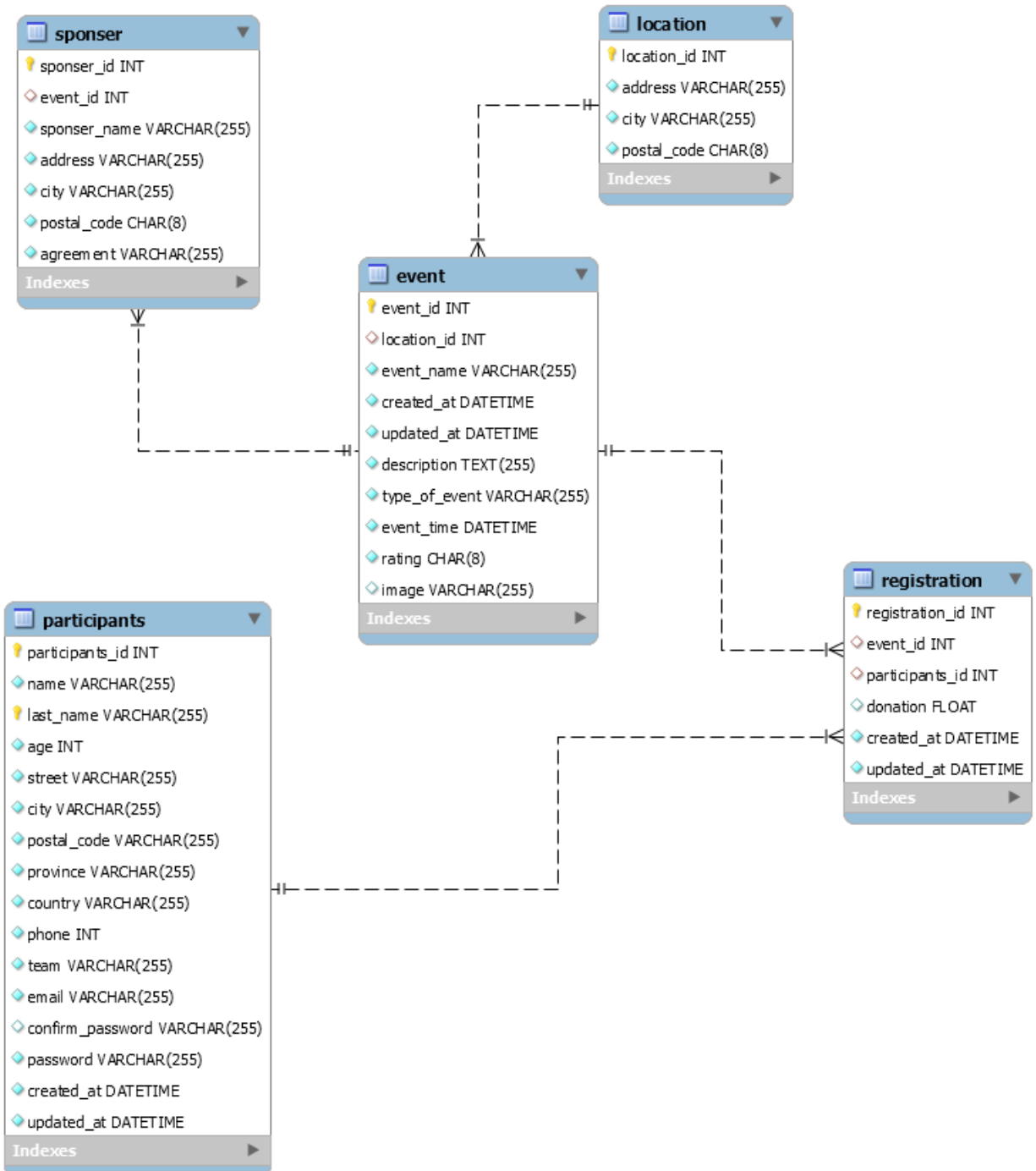
12.0 Models

Conceptual Model:





Physical Model:



Refernces:**Future Work****Example of invoice****Phlox**

From Zohaib Ali
506
Spence Street
Winnipeg, MB, R3B2R7

Invoice For Manitoba Community Center
University Of Winnipeg
Protaga Avenue
Winnipeg, MB

Invoice ID 0001
Issue Date December 10, 2018
PO Number 0002
Due Date December 11, 2018

Subject Website

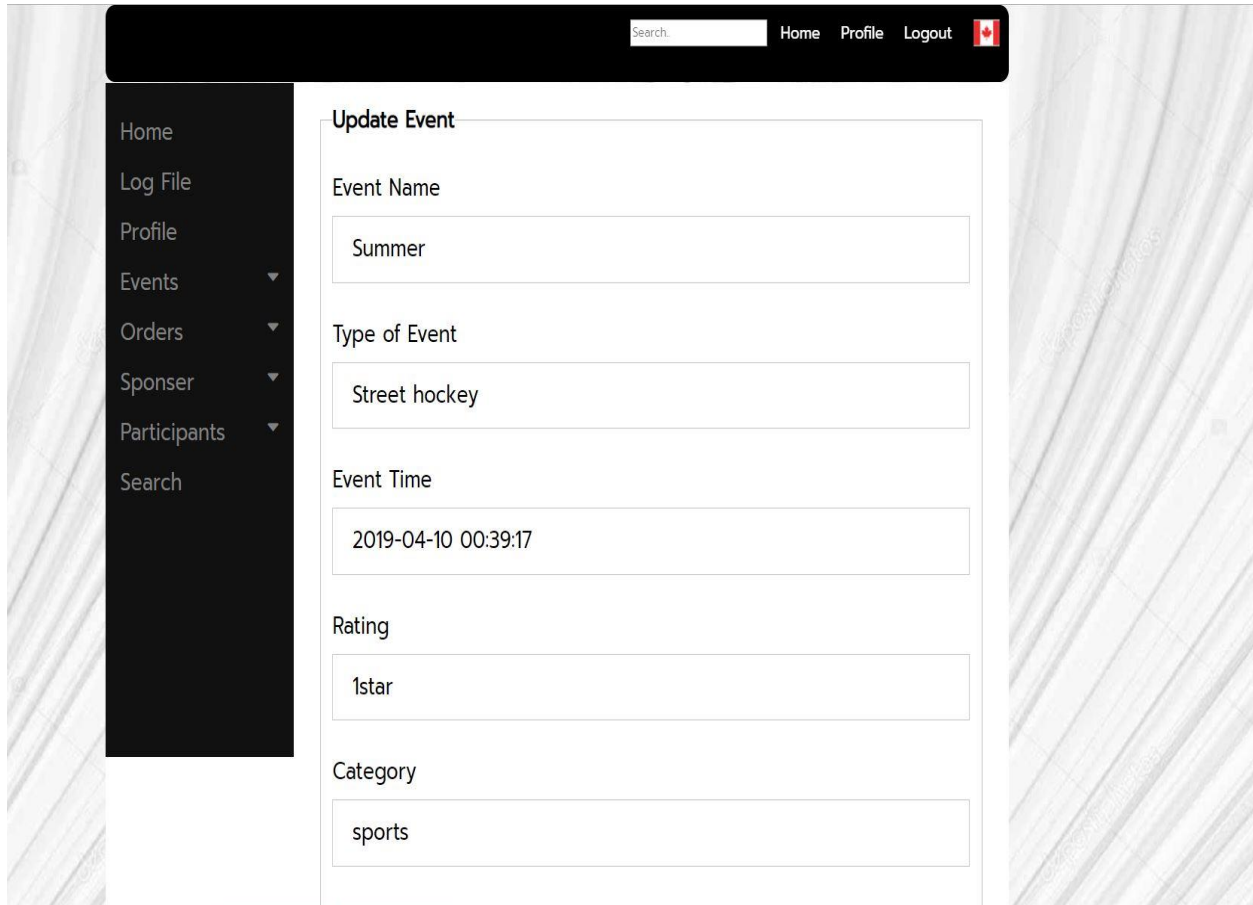
Description	Quantity	Unit Price	Amount
Planning	1	500.00	500.00
Designing	1	1,000.00	1,000.00
Coding	1	1,500.00	1,500.00
Testing	1	500.00	500.00
Installation	1	1,000.00	1,000.00
			0.00


Subtotal 4,500.00

Discount (0.25 = 25%) 0%

Amount Due 4,500.00

PAGES



Search. Home Profile Logout 

Home
Log File
Profile
Events ▼
Orders ▼
Sponsor ▼
Participants ▼
Search

Update Event

Event Name
Summer


Type of Event
Street hockey

Event Time
2019-04-10 00:39:17

Rating
1star

Category
sports

Search..

Home Profile Logout 

Home

Log File

Profile

Events ▼

Orders ▼

Sponser ▼

Participants ▼

Search

Events List View






Search.. 


Image	Event Name	Event Type	Timing	Rating	View	Delete
	Summer	Street hockey	2019-04-10 00:39:17	1star	Edit	Delete
	Racing Cup	Car Racing	2019-04-10 00:39:17	4star	Edit	Delete
	Canadian Marathon	Marathon	2019-04-10 00:39:17	1star	Edit	Delete
	Soccer Cup	football	2019-04-10 00:39:17	5star	Edit	Delete

Search.

Home

Profile

Logout



Home

Log File

Profile

Events ▼

Orders ▼

Sponser ▼

Participants ▼

Search

Events Registration

Event Creation

Event Name

Event name

Event Type

type_of_event

Category

Category

Rating

Rating

Event Time


Event Time

Search

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Home

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Events

Orders

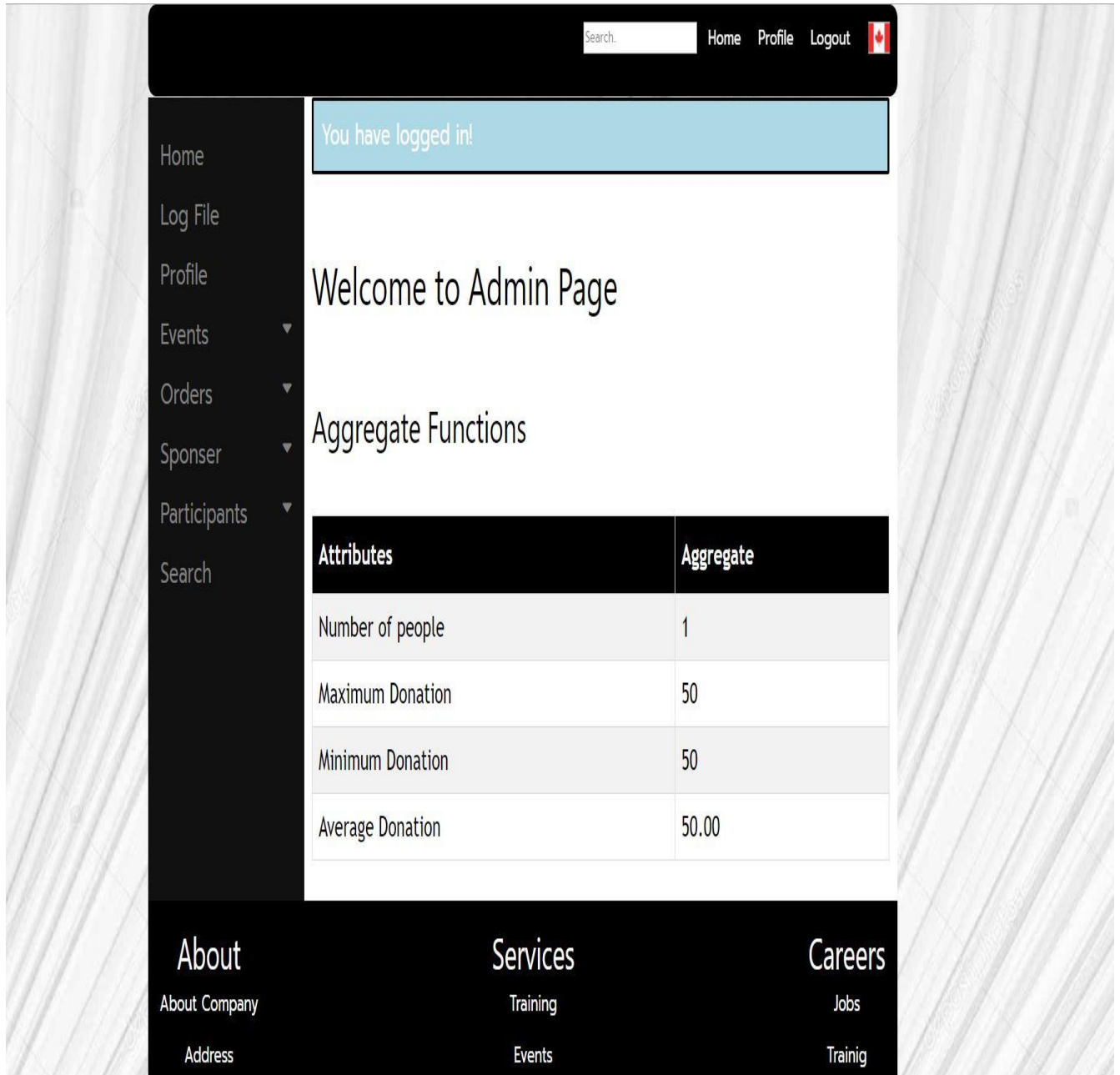
Sponser


Participants

Search

Log Information

ID	Event
	CREATED_AT:2019/05/25 17:26:02 REQUEST_URI:/admin_log.php Browser-Name: Google Chrome Version:74.0.3729.157 on windows reports:
793	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/74.0.3729.157 Safari/537.36 IP_ADDRESS142.132.8.192 HTTP_STATUS:200
	CREATED_AT:2019/05/25 17:25:09 REQUEST_URI:/admin_home_page.php Browser-Name: Google Chrome Version:74.0.3729.157 on windows reports:
792	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/74.0.3729.157 Safari/537.36 IP_ADDRESS142.132.8.192 HTTP_STATUS:200
	CREATED_AT:2019/05/25 17:25:09 REQUEST_URI:/login.php Browser-Name: Google Chrome Version:74.0.3729.157 on windows reports:
791	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/74.0.3729.157 Safari/537.36 IP_ADDRESS142.132.8.192 HTTP_STATUS:200
	CREATED_AT:2019/05/25 17:24:58 REQUEST_URI:/login.php Browser-Name: Google Chrome Version:74.0.3729.157 on windows reports:



Search. Home Profile Logout 

You have logged in!

Welcome to Admin Page

Aggregate Functions

Attributes	Aggregate
Number of people	1
Maximum Donation	50
Minimum Donation	50
Average Donation	50.00

About

About Company

Address

Services


Training


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 *Manitoba Community Center*


Thank you for registration

Reciept

Name	Phone	Street	Event Name
fd	14313377349	506 Spence Street,	Summer
Donation:			string(2) "50" 0
PST:			3.50
GST:			2.50
Total:			\$ 44

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Manitoba Community Center



[Social Gathering](#)

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[New Items Suggested for](#)

User Information

Fields	Values
First Name	Zohrab
Last Name	Ali
Age	78
Street	506 Spence Street,
Postal Code	R3B 2K7
Province	Manitoba
Country	Canada
Phone	14313377349
Email	zohrab_ali204@yahoo.com
Created At	2015-03-02 12:00:00
Updated At	2018-02-01 12:00:00

Event information

Fields	Values
Event Name	Summer
Event Type	Street hockey
Event Time	2019-04-10 00:39:17
Created At	2019-04-10 00:39:17
Updated At	2019-04-10 00:39:17
Description	<p>Lorem ipsum dolor sit amet, etiam quis vulputate convallis, nulla tortor, vestibulum lectus, volutpatum turpis, erat consectetur. Eu moris leo, tristique nonummy nisi ornare curae ac eget, orci nonummy. Sedales id nam, id curae et non consequat amet vulputate. Erat ipsum sit, nonum id nunc tempus turpis magna quam, quia risus adipiscing diam rhoncus rutrum, leo vestibulum id lacrima, vitae per justo erat a. Integer donec, massa neque metus eleferend amet, urna feugiat aliquam est pellentesque augitib sit, lacus pharetra eros, Sit porttitor, sit quis quam, sapien at end turpis curabitur.</p>

Donation is option




Amount

Owner

CVV

Card Number

Expiration Date

[Submit this page](#)

About




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Manitoba Community Center



Description

Lorem ipsum dolor sit amet, etiam quis vulputate convallis, nulla tortor, vestibulum lectus, voluptatum turpis, erat consectetur. Eu montes leo, tristique nonummy nisi ornare cursus ac eget, orci nonummy. Sodales id nam. Id curae et non consequat amet vulputate. Erat ipsum sit, rerum id nunc tempus turpis magna ipsum, quis risus adipiscing diam rhoncus rutrum, leo vestibulum id lacinia, vitae per justo erat a. Integer donec,

Events Details

Street hockey

RANKINGS : 1star

Info

[Registration](#)

Event Id	3
Event Name	Summer
Event time	2019-04-10 00:39:17
Created at	2019-04-10 00:39:17
Updated at	2019-04-10 00:39:17

