



# Concordia Entrepreneurship Club

Course	CSC 310 – Web Development
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Team Name	Pixel Pioneers
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Team Members	Lucas Winger
	Ella Anderson
	Lennox Magak

## Executive Summary

**Your executive summary should resemble an elevator pitch: your motivation is to quickly persuade a decision maker to get involved in your project.**

- What is the purpose of your project; what problem(s) does it address?
- Why is your project important; why is it relevant?
- Who could your project help; who is your audience or customer?

The Purpose of this project is to create a personalized website for Concordia's Entrepreneurship club in order to make the club more noticeable and to show other students about it. This project is important because it is hard to show off a club and make it enticing for new recruits. This website hopes to create a way for this club to reach out to other students who may be interested in joining. It will also create opportunities for people outside of Concordia to reach out to these future entrepreneurs to make connections and maybe some offers.

## Timeline

Milestone	Name	Due Date
Milestone 1	Group Contract	Thursday, September 7
Milestone 2	Project Plan and Proposal	Thursday, September 19
Milestone 3	Design Mockups	Thursday, October 3
Milestone 4	Project Pitch & Demo	Thursday, October 17
Milestone 5	Detailed Tasks	Tuesday, November 12
Milestone 6	Progress Presentation	Thursday, December 5
Milestone 7	Final Presentations	Friday, December 15

## Milestone Summary

Milestone 1				
Group Contract				
Item	Description	Estimated Hours	Actual Hours	Date Completed
Purpose	Create a final project team	0.25	0.25	9/5
Summary	Self-organize into groups of 3-4 students for working together on the semester project.  All team members will need to complete the group contract and agree to its terms, holding each other accountable for contributing to the final project throughout the semester.	0.25	0.25	9/5
Task M1A – Team Member Names	List all team members with full (first and last) names on the group contract document	0.25	0.25	9/5
Task M1B – Team Name	Come up with a name for the group/team to be addressed as during presentations; list the name on the group contract document	0	0	9/5
Task M1C – Weekly Meeting Time	Block off an hour of time once per week when all team members could regularly meet as necessary throughout the semester; list the time in the group contract document	0	0	9/5
Task M1D – Signatures	Each team member signs the group contract document (this may be a digital signature or initials)	0	0	9/5
Task M1E – Planning Document	Complete the cover page of the planning document, fill in the date each milestone task was completed in the milestone summary, and detail the additional milestone activities in the Milestone Summary section (insert new rows into the table).	0	0	9/5
Milestone 2				
Project Plan and Proposal				
Item	Description	Estimated Hours	Actual Hours	Date Completed
Purpose	Determine final project topic	1	1	9/19
Summary	As a group, choose a topic all team members want to work on; discuss potential ideas and come to a group consensus what your project will be and why it is important.	1	0.25	9/19
Task M2A – Project Proposal Document	Complete the project proposal document	3	2	9/19

<b>Task M2B – Presentation</b>	Present the project proposal to the instructor and show your site map	0.5	0.25	9/19
<b>Task M2C – Planning Document</b>	Complete the executive summary section of the planning document, fill in the date each milestone task was completed in the milestone summary, and detail the additional milestone activities in the Milestone Summary section (insert new rows into the table). Remember to ESTIMATE your time.	1	1	9/19
<b>Task M2D – Site Map</b>	Create an initial site map for your project; consider both public-facing pages (home/index, product list, product details, about/contact, etc.) as well as user-protected pages (admin area to maintain products, user profiles, etc.)	2	1.5	9/19
<b>Task M2E – Subdomains</b>	Each team member should create a subdomain for the project on their own hosting platform; choose one team member's subdomain to be the main location for your project and to show during presentations, etc.	2	0.5	9/19
<b>Milestone 3</b>	<b>Design Mockups</b>			
<b>Item</b>	<b>Description</b>	<b>Estimated Hours</b>	<b>Actual Hours</b>	<b>Date Completed</b>
<b>Purpose</b>	<b>Create a general look-and-feel for your project, present your project to the class</b>	<b>6</b>	<b>12</b>	<b>10/1</b>
<b>Summary</b>	Determine how you want your final project deliverables to look, including color scheme, graphics/images, and placement and layout of major components (e.g. buttons, input fields, data, instructions, etc.).  Armed with your project proposal and design mockups, show the class what you plan to accomplish with your project. Think of the class as potential investors or contributors; why should they care about your project?	6	12	10/2
<b>Task M3A – Major Components</b>	Create a list of major components that will be included in your project (e.g. graphs/charts, images, results, instructions, etc.)	2	3	10/2
<b>Task M3B – Color Scheme</b>	Create a color scheme for your project for a consistent design	1	1	10/2
<b>Task M3C – Design Mockups</b>	Create design mockups using graphic design software (use lorem ipsum filler text, basic boxes/shapes) to show the planned layout of project deliverables, including any major pages/screens that will be included in the final project	3	6	10/2
<b>Task M3D – Planning Document</b>	Include screenshots of all design mockups, list of components (labeled for easy identification), fill in the date each milestone task was completed in the milestone summary, and detail the additional milestone activities	1	1	10/2

	in the Milestone Summary section (insert new rows into the table). DESIGNS AT BOTTOM OF DOCUMENT			
<b>Task M3E – Presentation</b>	Present the design mockups to the class	1	1	10/3
<b>Milestone 4</b>	<b>Project Pitch &amp; Demo</b>			
Item	Description	Estimated Hours	Actual Hours	Date Completed
<b>Purpose</b>	<b>Present your project to the class</b>	<b>6</b>	<b>1</b>	<b>10/17</b>
<b>Summary</b>	Armed with your project proposal and HTML demo, show the class what you plan to accomplish with your project. Think of the class as potential investors or contributors; why should they care about your project?	1	2	10/17
<b>Task M4A – Presentation</b>	Pitch the project to the class	1	1	10/17
<b>Task M4B – Planning Document</b>	Include screenshots of the project pitch presentation, fill in the date each milestone task was completed in the milestone summary, and detail the additional milestone activities in the Milestone Summary section (insert new rows into the table). Remember to ESTIMATE your time.	1	2	10/17
<b>Task M4C – HTML Demo</b>	Create an HTML click-through demo of the main pages of your site; break out your design mockups into functional HTML/CSS and use actual links to click from one page of the demo to the next	1	10	10/17
<b>Milestone 5</b>	<b>Detailed Task List</b>			
Item	Description	Estimated Hours	Actual Hours	Date Completed
<b>Purpose</b>	<b>Plan the remaining tasks required to complete the project</b>	<b>6</b>	<b>5</b>	<b>12/12/24</b>
<b>Summary</b>	As a team, figure out what needs to happen in order to take the project from its current design and planning stage through implementation to completion.  Break down each major component of the project to estimate how much work you think it will take to complete, and what detailed tasks/actions will need to be performed for each.	2	1	12/12/24
<b>Task M5A – Gantt Chart</b>	Create a Gantt chart showing a detailed task breakdown with expected due dates and assigned team members	2	2	12/12/24
<b>Task M5B – Presentation</b>	Present your Gantt chart and task list to the class	1	1	12/12/24

<b>Task M5C – Planning Document</b>	Include a screenshot of the Gantt chart, fill in the date each milestone task was completed in the milestone summary, and detail the additional milestone activities in the Milestone Summary section (insert new rows into the table). Remember to ESTIMATE your time.	1	1	12/12/24
<b>Milestone 6</b>	<b>Progress Presentation</b>			
<b>Item</b>	<b>Description</b>	<b>Estimated Hours</b>	<b>Actual Hours</b>	<b>Date Completed</b>
<b>Purpose</b>	<b>Provide the class with a project status update</b>	1	N/A	N/A
<b>Summary</b>	Show the class (client) what work has been completed toward the final project deliverables.	1	N/A	N/A
<b>Task M6A – Presentation</b>	Present your work progress to the class	1	N/A	N/A
<b>Task M6B – Planning Document</b>	Include screenshots of your presentation, fill in the date each milestone task was completed in the milestone summary, and detail the additional milestone activities in the Milestone Summary section (insert new rows into the table).	1	N/A	N/A
<b>Milestone 7</b>	<b>Final Presentation</b>			
<b>Item</b>	<b>Description</b>	<b>Estimated Hours</b>	<b>Actual Hours</b>	<b>Date Completed</b>
<b>Purpose</b>	<b>Show your completed project to the class</b>	1	1	12/16
<b>Summary</b>	Share your hard work over the course of the semester with the class.	1	1	12/16
<b>Task M7A – Presentation</b>	Present your completed project to the class	1	0.5	12/16
<b>Task M7B – Planning Document</b>	Include screenshots of your final project deliverables and presentation, fill in the date each milestone task was completed in the milestone summary, and detail the additional milestone activities in the Milestone Summary section (insert new rows into the table).	1	0.5	12/16

## Resource List

<b>Resource Name</b>	Blackbox.ai
<b>URL</b>	<a href="https://blackbox.ai">https://blackbox.ai</a>
<b>Date Accessed</b>	9/19/24
<b>Notes</b>	

<b>Resource Name</b>	W3schools
<b>URL</b>	<a href="https://www.w3schools.com">https://www.w3schools.com</a>
<b>Date Accessed</b>	9/19/24
<b>Notes</b>	
<b>Resource Name</b>	Ella Subdomain
<b>URL</b>	<a href="http://pixelpioneers.ellamanderson.com">pixelpioneers.ellamanderson.com</a>
<b>Date Accessed</b>	9/19/24
<b>Notes</b>	Ella's project subdomain
<b>Resource Name</b>	FTP Universal Login
<b>URL</b>	
<b>Date Accessed</b>	
<b>Notes</b>	Username: pixelpioneer      Password: pixelpassword
<b>Resource Name</b>	Stack Overflow
<b>URL</b>	<a href="https://stackoverflow.com">Stack Overflow - Where Developers Learn, Share, &amp; Build Careers</a>
<b>Date Accessed</b>	9/19/24
<b>Notes</b>	





Entrepreneurship Club

**About**

- Members
- Businesses
- Programs
- Social Media

**Schedule**

- Events
- Meetings

**Contact**

- Join

Admin Login

**About Us**

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**Our Members**

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**Meet Our Members**

Button goes to Members page

**What do we do?**

**Read More**

Button goes to About page

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**Events**

**Coming up**

Event1	
Date	
Location	
	Event2
	Date
	Location

**Schedule**

Button goes to Schedule page

**Our Businesses**

Button goes to Businesses page

**Businesses**

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**Learn More**

Button goes to Offutt page

**Programs at Concordia**

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**Join Us!**

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**Contact**

Button goes to Contact page

**Social Media**

@ConcordiaCollege

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Contact

About

Schedule



# Meet Our Members

Members / Executives

Click to switch executive team



## John Smith

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- Hover on photos to reveal “about me”

[Contact](#)[About](#)[Schedule](#)

## Our Businesses



### Business #1

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Contact

About

Schedule



- **admin page**
- will have a basic login for these pages

Add/edit member

Add/edit event



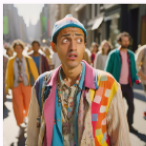
Contact

About

Schedule



- **Member list page**



Member Name

Edit Member



Delete Member



Member Name

Edit Member



Delete Member



Add new Member




[Contact](#)
[About](#)
[Schedule](#)


- edit / add Member page

Name of Event:

Date:

Event Photo

Description:



- Same design for events/businesses


[Contact](#)
[About](#)
[Schedule](#)


A brief description of the entrepreneurship club events,  
and any general informational text about nature of the events  
goes here

January  
2027

Startups across Fargo  
and Moorhead Month

Month  
Year

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The above 12 buttons lead to [events page](#) upon clicking any  
of them. See the event page below


[Contact](#)
[About](#)
[Schedule](#)


# Startup visits

## Jan 2027!

### 03 SUNDAY

6PM-10PM

#### PowerLine.inc Fargo

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### 15 WEDNESDAY

6PM-10PM

#### PROGRAM NAME

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### 26 Saturday

6PM-10PM

#### PROGRAM NAME

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This page is called **Events page**. Upon clicking each of the listed event days, the user gets directed to event day page. See below


[Contact](#)
[About](#)
[Schedule](#)


← Sunday January 3rd 2027 →

The two arrows will help navigate the event days without a need to navigate back to events page

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**Any other event specification:** Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua Lorem ipsum dolor sit amet, consectetur adipiscing elit



This is last page in the Schedule tree of pages. It is called Event day page.



Contact

About

Schedule



### Contact Us

Please fill this form in a decent manner

Full Name \*

First Name

Last Name

E-mail \*

example@example.com

Message \*

SUBMIT

This page provides a form to enable quick contact to the club's leadership. The page does not require extra navigation tools

## Entrepreneurship Club

### Pixel Pioneers

Project start date: 11/3/24

Milestone marker: 1



Milestone description	Assigned to	Progress	Start	Days
<b>Milestone 6</b>				
<b>Finalize CSS</b>				
Finalize Contact CSS	Ella	100%	11/3/24	10
Finalize Home CSS	Lucas	100%	11/3/24	10
Finalize Admin CSS	Lucas/Ella	100%	11/3/24	10
<b>Finalize Footer/Header Design</b>				
Design/implement Footer	Lucas	100%	11/3/24	10
Media Adjustments for Header	Ella	50%	11/3/24	10
Fix Sidebar Animation and Page Shrink	Ella	100%	11/3/24	10
<b>Finalize Footer/Header Design</b>				
Design event display logic	Lennox	100%	11/3/24	10
Elevate the HTML structure & CSS styling of contact page	Lennox	70%	11/3/24	15
Elevate the HTML structure & CSS styling of schedule page	Lennox	70%	11/3/24	15
<b>Milestone 7</b>				
<b>Admin Basic Functionality</b>				
Admin Login Security	Lucas	25%	11/11/24	7
Admin Display Members on Page	Lucas/Ella	50%	11/11/24	7
Admin Display Events on Page	Lucas/Lennox	0%	11/11/24	7
<b>Admin Backend Functionality</b>				
Add / Delete Members functional	Ella / Lucas	0%	11/11/24	7
Design & Code Admin side events page look, feel & data intake	Lennox / Lucas	0%	11/11/24	7
Edit Member Functionality	Lucas	0%	11/11/24	7
<b>Contact Form Security</b>				
Implement back-end input sanitization	Lennox	50%	11/11/24	7
Code js&PHP&Other dependencies to harvest user input in contact form	Lennox	50%	11/11/24	7
Intergrate PHPMailer for more secure mail system	Lennox	50%	11/11/24	7





Lucas Winger  
Ella Anderson  
Lennox Magak

# Pixel Pioneers

## Introduction

- ◆ This semester we worked on making a website for the Concordia College Entrepreneurship club.
- ◆ This website shows some information about the club including events, members of the club, and more information about resources used by the club.
- ◆ We worked with the Club President and their Director of Marketing to custom the website to the club's needs and preferences.

## Work Performed

- ◆ We were able to make a fully functional website for the Concordia Entrepreneurship Club that shows info about the club, members, events, and external sources related to the club.
- ◆ We added admin pages for club members to change aspects of the webpage such as members, events, the visible order of the members, and an option to add additional users in case any other individual login accounts are needed .
- ◆ Custom artwork and animations were included in the webpage.

## What went well

- ◆ Collaboration with our group went well while using Microsoft teams to communicate and share files
- ◆ We were able to meet weekly to discuss changes, new features to add, and things that we felt were unnecessary
- ◆ Meeting with club representatives allowed us to take in their insights and experiences in order to make it work for them

# Challenges

- ◇ Busy schedules later in the semester caused a lack of in-person meetings, causing some separation of ideas/implementations
- ◇ PHP/SQL caused us quite a bit of issues when it came to adding and editing database information on the website.
- ◇ Changes had to be made to original design because we realized some things were more difficult than expected.



## Improvements / Future Work

If the club would like us to keep working on the webpage after it is deployed, we would like to...

- Add a list that shows users / option to delete users in admin page
- Edit passwords/accounts with email confirmation
- Add the ability to connect posts from social medias to the pages (e.g. grab files from IG or Cobber Connect)
- Add more animations to make it feel more interactive



# Conclusion



Working on this website was challenging, but fun! We were able to make a working, full stack product while implementing client preferences with our own creativity and ideas.



Next, we will show you our website!



Then, we will show you our code!