

# Highbury House Website Project

## Background Concept

Highbury House is a community house based on Birkenhead that provides a range of activities and events for their community. Highbury House has a website made with Wordpress to showcase what they do, rooms they provide and classes they host. There are two business entities under the one organisation named, Highbury community house and Early Learning Centre. Our initial plan was to create a website from scratch. However, our client Angela preferred the website to stay on WordPress because they are comfortable with it.

## Problem

The website has problems as follows:

- The visitor has to scroll all the way down to see all the content, making the visitor exhausted and want to leave.
- The images are outdated, so it does not reflect the current version such as Events, calendar, contact details.
- Some pages are not visible in the heading, menu or footer.
- Website is dull and not user-friendly.

## Quality Assurance

The Quality Assurance methods below enabled us to maintain the product in high quality standards:

- Issue Log
- Usability Testing
- Change Management
- Risk Register
- Quality Assurance Plan
- Log Book
- Acceptance Tests
- Code Reviews



Figure 2. A screenshot of their website Home page

## Purpose

The website that has been handed over is outdated therefore, the main purpose of this project is to research and redesign the website that would comply with the client's requirements and deliver the product back fully tested. It is important that the project team persevere to complete all of the project's specifications to satisfy the client's needs. The aim is also to give the team experience working alongside an organization and enhance their skills with the given amount of time.

## Objectives

- Facebook – A live feed will be implemented on the front page of the website.
- User friendly – Easy to navigate and clear to read information.
- Highbury House Team – Updated profiles and easy to find contacts.
- Images – Updated images.
- Links – Downloadable links that can be viewed offline.
- Changes to the room hire inquiry form.
- To create new additional pages (Supporters, Events, and Get Connected).
- The website should be user friendly to grab visitor's attention.
- The website should be a platform in which the visitor is able to communicate with

## Goals

- Gain a greater understanding of how to work efficiently with the client.
- Meet and complete all client's requirements and specifications.
- To be able to learn the process of working together as a team in a real-world environment.
- To aim and achieve a high grade for this project.
- Ensure that the client is satisfied and the requested product is fully functional.
- To establish a deeper understanding of the impact of information technology in an organization.

## Team

Carlo Falqueza Jian Pineda  
Victor Jacobe Hyunsol Lee  
Jason Li

## Supervisor

Raymond Lutui

## Client

Highbury House

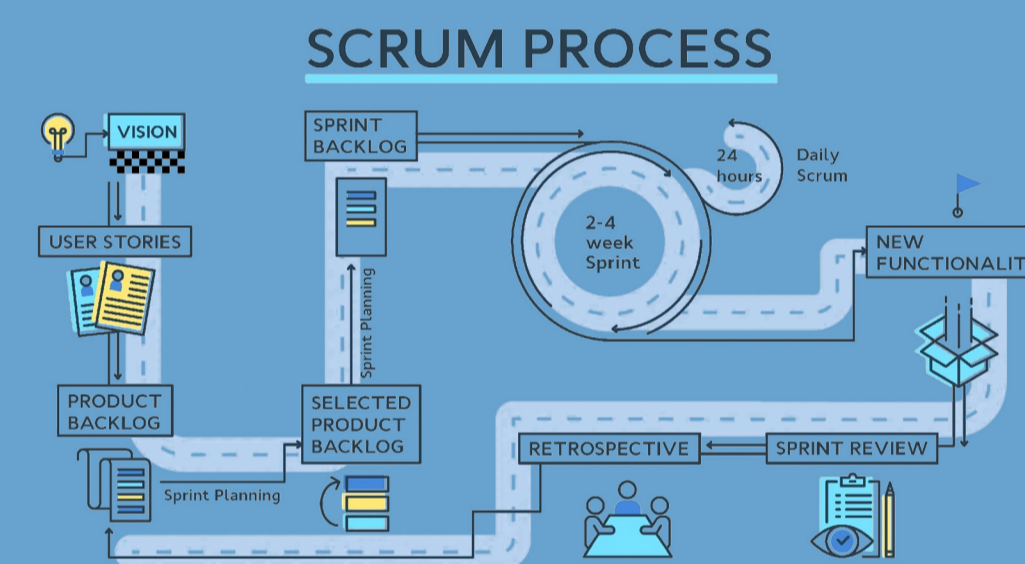


Figure 1. SCRUM Process. From Crystalloids Retrieved from <https://www.crystalloids.com/about-us/how-we-work>. Copyright 2020 by Crystalloids

## SCRUM Framework

### Product Backlog

- Create user stories with description and acceptance tests.

### Sprint Planning

- Planning poker
- Must have, should have, could have and won't have (MoSCoW)

### Sprint Backlog

- In development
- In testing
- Done

### Daily Scrum

- What have you done?
- What will you do?
- Any issues

### Sprint Review

- Did we meet our Sprint goal?
- Do we need to plan again?

### Sprint Retrospective

- What worked well in the Sprint?
- What could be improved?
- What to commit to doing in the next Sprint?

## Results

The website is in need of an update and is lacking on multiple aspects of attraction and user interaction. Therefore, we added and modified the following features to improve the website.

- Interactive Calendar: The calendar that has been implemented allows the users to view the current events in list mode and as well as calendar mode. This allows the user to view the future events.
- Live Facebook Panel: The live FB panel in the home page automatically updates when a new post / status is uploaded on the official Highbury House Facebook Page. This is another way for new customers that are in the home page to view the latest news and upcoming events.
- New ELC Team Page: The new ELC Team Page has been updated, a new layout of pictures as well as a description has been added. In addition, the client has requested to add a ERO 2019 Review video which we have attached at the bottom of the page for the customers to watch.
- Smaller Room Booking Page: The room booking page is now smaller, we have removed the enquiry form on the bottom of the page and made a separate page for it. The room booking page also has a clickable button that links to the enquiry form page.
- Update Classes Page: The new classes page layout has been updated, the images are now downloadable and viewable in full screen. Furthermore, an update for the description has also been implemented.
- Supporters Page: The supporters page now has a new layout, we have also shortened the page as the client has requested. In addition, we have added hyperlinks that will open the supporter's official page when the image is clicked.
- Governance Board Page: A new page has been made for the Governance board in order to make the 'About Us' page smaller. The Governance board page also has the same layout and design as the ELC Team page.

## Technical Challenges

- Website was hacked: All team members were not experienced or had knowledge of this problem.
- Could not access media files: Does not allow us to insert images into their website
- Functions not working: Editing was buggy and buttons were missing
- Scrolling problem: It was difficult for the team to implement a website with a no scrolling aspect.
- Meetings: Less in-person meetings due to NZ Covid-19 Lockdown restrictions

## Non-Technical Challenges

- Motivation: Due to COVID-19 putting NZ in two lockdowns throughout the year, the team found it hard to find motivation throughout the project.
- Delays in email response: The team constantly waiting for emails has set us back some times in the project.
- Time: All of the team members are full time students. Its hard to balance all other papers on top of lockdown restrictions.

## Lessons Learned

- Effectiveness of SCRUM Methodology: The team learnt that effective use of the methodology helped the team's planning and execution process go smoothly.
- Efficient Team meetings and Standups: We learnt that team interaction physically is more beneficial to the team more than meetings online.
- Key communication skills: This taught that confident and clear communication helps for better relationships with a team and the client
- Project experience: Real client project experience will help us get ready for future workplace environment

## Acknowledgements

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## References

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