

Automation and Development of Bloom Collective

Final Report

Bloom Collective



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I. Introduction

In today's digital world, a strong online presence is crucial for businesses across various industries. Studies show that 85% of consumers conduct online research before engaging with a business or making a purchase [1]. Without a professional and accessible website, companies miss out on opportunities to attract new clients, share their expertise, and build credibility. This is particularly true in consulting, where trust and visibility are critical for securing partnerships and prompting growth.

(Our primary client is Bloom Collective, represented by our industry sponsor, April Needham, who oversees the project development. Bloom Collective's key need is a professional, GDPR-compliant website to enhance their online presence, visibility, and client engagement) [4].

Bloom Collective, a firm specializing in entrepreneurial ecosystem development, currently lacks an online platform to showcase its wide range of services, including strategic planning, gap analysis, and business advising. In an industry where potential clients seek information and resources online, the absence of an accessible website creates a significant barrier to widespread engagement. Without a digital platform, Bloom Collective is missing out on opportunities to connect with startups and businesses that need expert guidance. The absence of certain tools also causes Bloom Collective to be inefficient in everyday tasks. These tasks include handling customer relations, emailing, marketing, and processing payments.

Our project seeks to address this problem by creating a user-friendly website for Bloom Collective. The website will highlight services provided by the firm, along with tools for current and potential clients to interact more effectively with the company. Our project will also include tools for Bloom Collective to use, such as a customer relation management solution (CRM), an automatic emailing system that will be used for marketing, an AI assistant for drafting emails for clients, and a way to handle processing payments.

II. Team Members & Bios

Anthony Devito is a computer science student at Washington State University. His projects include React apps, and he has an internship at SEL in Pullman. His skills Typescript, Python, C++, and C#. For this project he presented for the client, did research on AI and automation, and web development.

Tasha Meadows is a computer science student at Washington State University interested in cybersecurity and IT systems. Her prior projects include a networking honeypot system and coding an interactive game. Tasha's skills include C/C++, Python, and C#. For this project, her focus includes automation research and integration, as well as website design.

Zviko Masike is a computer science student at Washington State University. His projects include social media direct messenger manager, and music player. His skills include React, Typescript, JavaScript, C/C++. For this project he was responsible for the website design

III. Project Requirements

III.1. Project Stakeholders

Stakeholders include potential clients, such as entrepreneurs and businesses, who will use the website to explore services and connect with Bloom Collective. Lastly, Bloom Collective's staff

are stakeholders who will be responsible for maintaining the website. They need a platform that is easy to update and manage without extensive technical knowledge. All stakeholders prioritize a mobile-responsive website with security, accessibility, and ease of navigation.

III.2. Use Cases

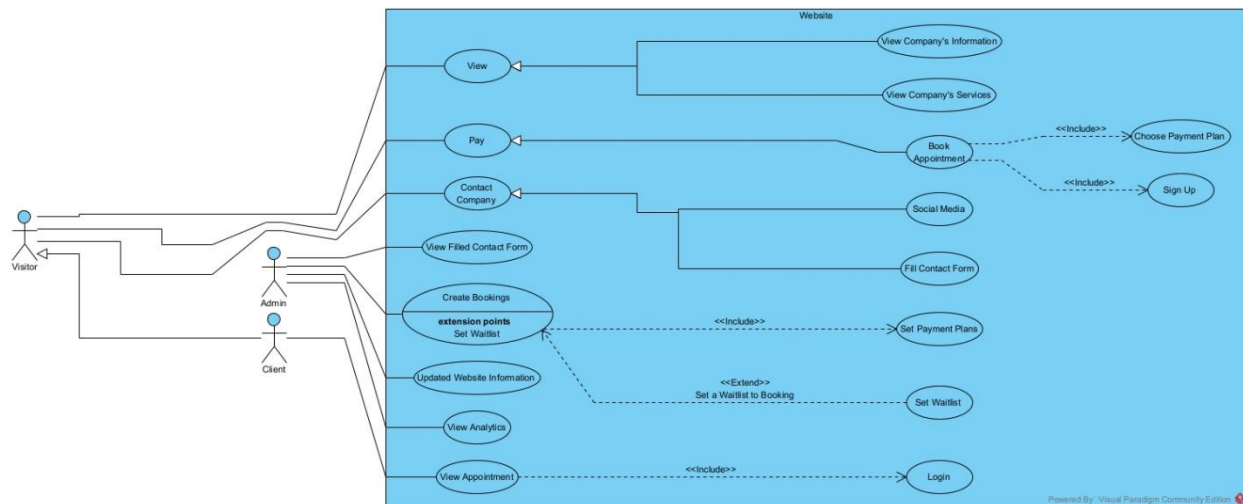


Figure 1: Website Use Case Diagram
Showing relationships between actors and specific requirements.

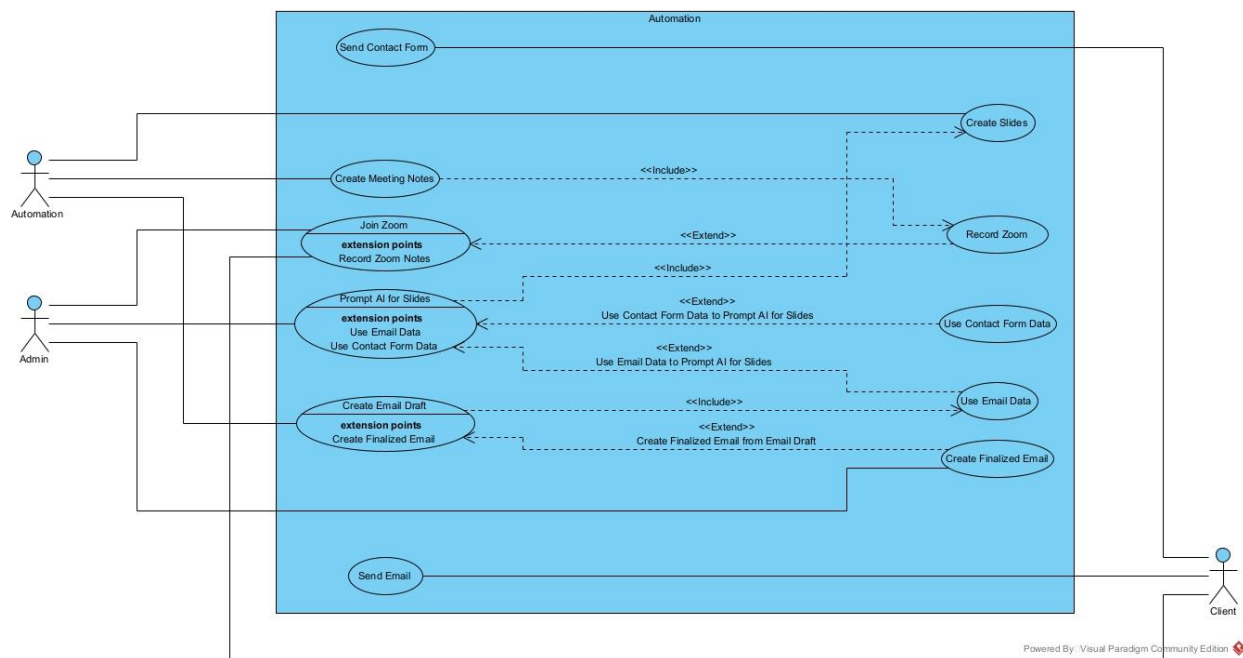


Figure 2: Automation Use Case Diagram
Showing relationships between actors and use cases for the automation.

Traceability Matrix for the Bloom Collective Website

Functional Requirement	User Story ID	Use Case ID	Description	Priority
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View Website Content	US01	UC01	Allows users to view content about Bloom Collective's services, team, and mission.	Level 0
Contact Bloom Collective	US02	UC02	Allows users to fill out and submit a contract form to reach out to Bloom Collective.	Level 0
Update Website Information	US03	UC03	Admins can update website content (e.g., services, team, news).	Level 1
Manage Client Information	US04	UC04	Admins can manage client data, including contact details and business information.	Level 1
View Analytics	US05	UC05	Admins can view user activity reports and monitor website performance.	Level 1
TidyCal Integration	US06	UC06	Allows users to book consultation with a Bloom Collective staff member	Level 1
AI Agent Integration	US07	UC07	Allows for automation of services to ease client workload.	Level 1
Mobile View	US08	UC08	Allows for more viewing options for users that may only have access to the website through a mobile device.	Level 1

Project Stakeholders

Client	Be able to easy edit the website in Wix, view analytics, and easy deploy website
User	Fast loading website with all the needed features

User Stories

User Story ID:	US01: View Website Content As a website visitor, I want to view Bloom Collective's services and team so that I can learn about the company and its expertise.
Scenario:	Viewing services and team members <ul style="list-style-type: none"> Given I am on the homepage, When I scroll through the page, Then I should see information about services and the team.

User Story ID:	US02: Contact Bloom Collective As a potential client, I want to contact Bloom Collective through the website so that I can inquire about their services.
Scenario:	Submitting a contact form <ul style="list-style-type: none"> Given I am on the "Contact Us" page, When I fill out the contact form and click "Submit" Then my inquiry should be sent, and I should see a confirmation message.

User Story ID:	US03: Update Website Information As a Bloom Collective admin, I want to update website content regularly so that I can keep the website up to date with the latest services and news.
Scenario:	Updating services or news

	<ul style="list-style-type: none"> • Given I am logged into the Wix admin dashboard, • When I navigate to the content management section, • Then I can edit and publish new updates about services or news.
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User Story ID:	US04: Manage Client Information As a Bloom Collective admin, I want to manage client contact information so that I can keep records of clients and communicate with them effectively.
Scenario:	Managing client data <ul style="list-style-type: none"> • Given I am in the client management section, • When I select a client's contact details and click "Edit", • Then I can update the client's information and save changes.

User Story ID:	US05: View Analytics As a Bloom Collective admin, I want to view website analytics so that I can understand how users are engaging with the website.
Scenario:	Viewing user activity reports <ul style="list-style-type: none"> • Given I have integrated Wix Analytics through Wix, • When I log in to the Wix dashboard, • Then I can view real-time data on user behavior, including page views and session durations.

User Story ID:	US06: Tidy Cal Integration As a team member I need to embed April's Tidy Cal booking calendar into Wix So that people interested in meeting with April can do so easily.
Scenario:	Viewing TidyCal integration <ul style="list-style-type: none"> • Given I am on the Bloom Collective website • When I am on the contact page • Then I should see available dates to book a 30-minute consultation

User Story ID:	US07: AI Agent Integration As a user I need to quickly draft emails from client so I can respond quickly to client's responses and questions
Scenario:	AI Agent Email Task <ul style="list-style-type: none"> • Given I am busy with other tasks • When I want to send out an email or manage my business • Then I should have an automated system to do so easily

User Story ID:	US08: Mobile View As a team member I need to make the Bloom Collective website mobile view look nice so that mobile users can access the website with no problem.
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Scenario:	Creating Mobile View <ul style="list-style-type: none"> Given I am a team member When I edit the website Then I should consider mobile users
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Use Cases

Use Case ID: UC01 View Website Content

Actors:	Website Visitor, System
Preconditions:	The user is connected to the internet and has access to the website.
Main Flow:	<ol style="list-style-type: none"> The user navigates to the website homepage. The system displays content about Bloom Collective's services, team, and mission. The user browses through the content (individual services and about us page).
Alternative Flow:	If the page fails to load, the system displays an error message.
Postconditions:	The user successfully views the website content.

Use Case ID: UC02 Contact Bloom Collective

Actors:	Website visitor, System
Preconditions:	The user is on the website's contact page.
Main Flow:	<ol style="list-style-type: none"> The user fills out the contact form with name, email, and message. The user clicks the "Submit" button. The system sends the inquiry to Bloom Collective and displays a confirmation message.
Alternative Flow:	If the form submission fails, the system displays an error message.
Postconditions:	The inquiry is submitted, and the user receives confirmation.

Use Case ID: UC03 Update Website Information

Actors:	Admin, Wix System
Preconditions:	The admin is logged into the website's admin dashboard
Main Flow:	<ol style="list-style-type: none"> The admin navigates to manage content in the Wix dashboard. The admin selects a page or section to update (e.g., services or team page). The admin edits the context using the Wix editor and clicks "Publish". The Wix system saves the changes and updates the live website with the new content.
Alternative Flow:	If an error occurs during publishing, the Wix system will display a message and allow the admin to retry.
Postconditions:	The website content is updated in real-time, and visitors see the new content.

Use Case ID: UC04 Manage Client Information

Actors:	Admin, Wix System
Preconditions:	The admin is logged into the Wix admin dashboard and has access to the “Client Management” section.
Main Flow:	<ol style="list-style-type: none"> 1. The admin navigates to the “Client Management” section in the Wix dashboard. 2. The admin views the list of clients and selects a specific client to manage (view, edit, or delete). 3. The admin adds or edits contact information or other relevant business data. 4. The system updates the client's information and confirms changes.
Alternative Flow:	If saving new data fails, the Wix system shows an error message and suggests trying again at a later time.
Postconditions:	The client data is successfully up to date in the system.

Use Case ID: UC05 View Analytics

Actors:	Admin, Wix Analytics System
Preconditions:	The admin has integrated Wix Analytics within the Wix site and is logged into the Wix dashboard.
Main Flow:	<ol style="list-style-type: none"> 1. The admin logs into Wix and selects the linked website. 2. The system displays various data reports, such as demographics, session duration, and traffic sources. 3. The admin navigates through different report sections to view specific insights. 4. The admin uses these insights to assess which parts of the website are performing well and where improvements may be needed.
Alternative Flow:	If Wix Analytics fails to load the data, an error message is displayed, and the admin is prompted to refresh the page.
Postconditions:	The admin reviews detailed reports to strategize optimizing the website.

Use Case ID: UC06 TidyCal Integration

Actors:	Website Visitor
Preconditions:	The user is on the website's contact page.
Main Flow:	<ol style="list-style-type: none"> 1. The user visits the website and navigates to the contact page. 2. The user wants to book a 30-minute consultation with Bloom Collective and clicks the “Book Here” button. 3. The user is taken to an external TidyCal page to book an appointment.
Alternative Flow:	If Wix fails to load the webpage, an error message is displayed, and the user is prompted to try again.
Postconditions:	The user successfully booked an appointment with a staff member.

Use Case ID: UC07 AI Agent Integration

Actors:	Company Admin
Preconditions:	The admin has a message they want automated for future use.

Main Flow:	<ol style="list-style-type: none"> 1. The admin logs into the Wix dashboard and navigates to the automation settings. 2. The admin creates a new automated response or modifies an existing one. 3. The admin configures triggers and actions for when the AI agent should respond (for example, from the contact form) 4. The admin saves the settings and the system updates with the new configurations.
Alternative Flow:	If the AI agent fails to save the new automation, an error message is displayed, and the admin is prompted to try again.
Postconditions:	The AI agent is updated and ready to respond based on the configured settings.

Use Case ID: UC08 Mobile View

Actors:	Website Visitor
Preconditions:	The user is on the website on a mobile device.
Main Flow:	<ol style="list-style-type: none"> 1. The user navigates to the website using a mobile browser. 2. The system detects the device type and adjusts the layout for mobile responsiveness. 3. The user browses the website, accessing different sections such as services, contact forms, and booking features. 4. The user interacts with mobile-optimized features such as expandable menus and touch-friendly buttons.
Alternative Flow:	If the website does not load correctly on mobile, the system displays an error message and suggests switching to a different browser or refreshing the page.
Postconditions:	The user successfully experiences a mobile-friendly version of the website.

III.3. Functional Requirements**View Website Content:**

Description	Source	Priority
The system must display company information including services offered, team members, and company mission on the homepage.	Clients and visitors must be able to quickly understand Bloom Collective Consulting's expertise and services to engage with the company.	<u>Level 0:</u> Essential and required functionality

Contact Bloom Collective:

Description	Source	Priority
The system must provide a contact form where users can submit inquiries to Bloom Collective.	Bloom Collective needs a way to capture potential client inquiries through the website for lead generation.	<u>Level 0:</u> Essential and required functionality

Update Website Information:

Description	Source	Priority
The system must provide an admin dashboard for Bloom Collective staff to update website content such as services, news, and client success stories.	Bloom Collective staff need a simple interface to update content regularly without requiring technical expertise.	<u>Level 1:</u> Desirable functionality

Manage Client Information:

Description	Source	Priority
The system must allow admins to manage client contact information including names, emails, phone numbers, and businesses.	Bloom Collective needs a way to store and manage client data for better communication and record-keeping.	<u>Level 1:</u> Desirable functionality

View Analytics:

Description	Source	Priority
The system must track user activity on the website, including page views, time spent on each page, and user interactions (via Wix Analytics or similar).	Bloom Collective needs insights into how visitors are engaging with the website to improve user experience and marketing strategies.	<u>Level 1:</u> Desirable functionality

III.4. Non-Functional Requirements

Requirement	Description	Reasoning
Performance	The system shall have a load time of fewer than 2 seconds on both desktop and mobile devices.	Industry-standard performance requirement to ensure user engagement and satisfaction.
Scalability	The system shall be scalable to accommodate future growth in the number of users and content without performance degradation.	Business requirement to ensure the system can handle increased traffic and functionality over time.
Usability	The system shall be easy to navigate for both clients and admins, with intuitive user interfaces.	Client request for a user-friendly interface to minimize training and ensure widespread adoption.
Reliability	The system shall have 99.9% uptime to ensure consistent availability for users.	Business need for reliability to avoid service interruptions.
Compliance	The system shall comply with industry standards for GDPR and WCAG, ensuring	Legal requirement.

	legal and ethical data handling and accessibility practices.	
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IV. Software Design – From Solution Approach

IV.1. Architecture Design

IV.1.1. Overview

Our architecture design revolves around Wix. Wix provides a front-end template website builder that is not only easy to create websites but allows for easy maintenance for non-technical people. In addition, we will integrate Wix Analytics to monitor and analyze user interactions on the website, enabling us to gather valuable insights into visitor behavior and engagement patterns. This integration will help optimize the site's performance and enhance user experience. The component diagram below illustrates the key elements of our system, highlighting the interactions between Wix and different plugins, as well as the user interface and data flow.

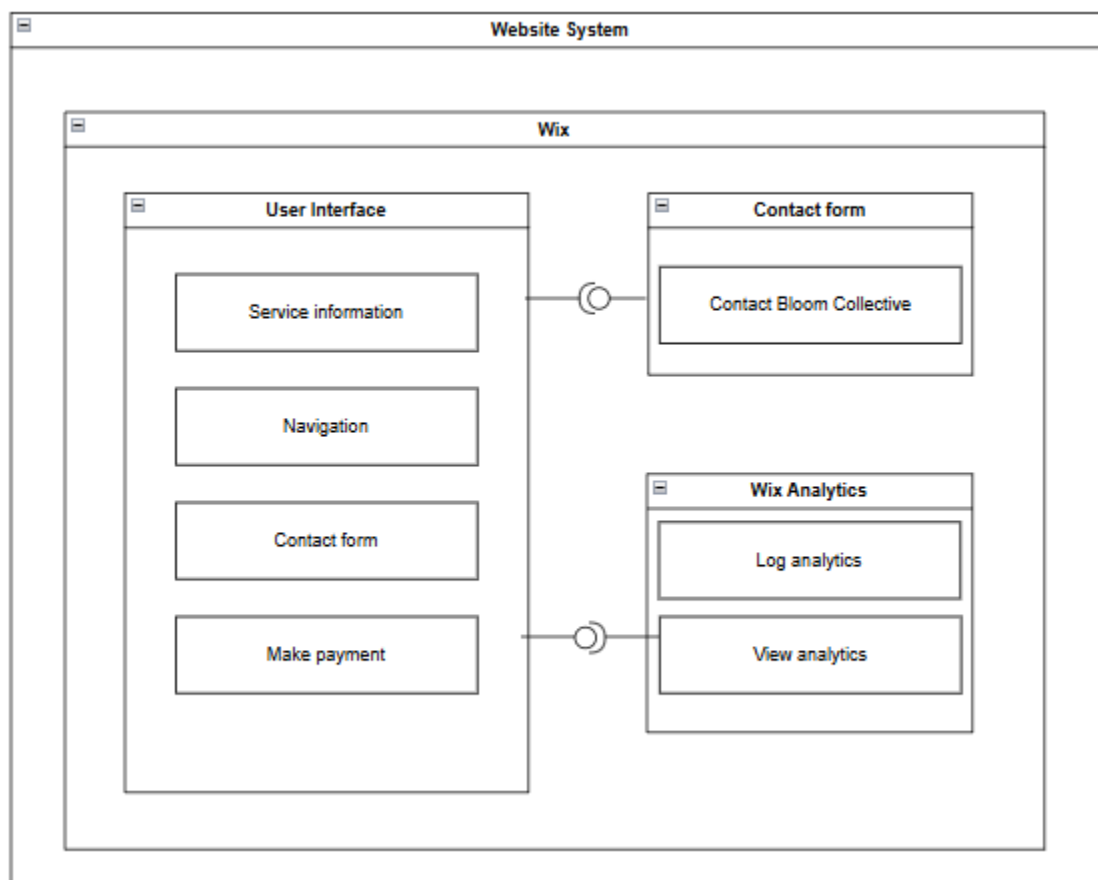


Figure 2: System Architecture

The architecture of our system highlights the relationships between components.

IV.1.2. Subsystem Decomposition

Our system is divided into subsystems based on the individual components for the website, we do this to keep cohesion high and coupling low. The system is decomposed into the following three subsystems:

1.1. [User Interface]

1.1.1. Description

The User Interface manages all interactions between users and the website. It ensures smooth navigation, displays business-related content, and facilitates actions such as submitting contact forms and making payments.

1.1.2. Components and Functionality

- **Service Information Module:** Displays details about different consulting services provided by Bloom Collective.
- **Navigation Module:** Allows users to move between website pages.
- **Contact Form Integration:** Handles the submission of contact forms through a built-in Wix contact form handler.
- **Payment Processing Module:** Redirects users to a built-in Wix payment portal that is connected to different third-party payment providers [7].

1.1.3. Services Required

- **Navigation Control** from Wix's platform.
- **Payment Processing** from an external API that is handled by Wix.
- **Form Submission Handling** from an internal Contact Form Handler.

1.2. [Contact Form]

1.2.1. Description

The contact form integration ensures that all user inquiries submitted through the Bloom Collective website are validated and forwarded to the administrative team. The contact form handler also logs user submissions for future use.

1.2.2. Components and Functionality

- **Form Validation Module:** Ensures that required fields are correctly filled before submission.
- **Submission Processing system:** Sends successful submissions to the administrative team.
- **Notification System:** Alerts the administrative team when a new submission has been

received.

1.2.3. *Services Required*

- **Form Storage** provided by Wix.
- **Email Notifications** automated through Wix's email system.

1.3 [Wix Analytics]

1.3.1. *Description*

Wix Analytics collects information about user traffic to help Bloom Collective analyze engagement and optimize their services.

1.3.2. *Components and Functionality*

- **Page engagement logging:** Tracks visits on different pages of the website.

1.3.3. *Services Required*

- **User Session Data** is provided by Wix's backend.

IV.2. Data Design

The system relies on databases provided and handled by Wix.

IV.3. User Interface Design

The user interface (UI) subsystem is responsible for managing the visual layout and interactive elements of the Bloom Collective website. This would include service information, navigation buttons, and the contact form. The UI ensures that users can easily access and interact with the content, promoting an easy and enjoyable experience.

Wix handled related algorithms and concepts.

Interface Description

Services Provided:

Service Name	Service Provided To	Description
Contact Form	User Contact Information	Gets contact information from user interface and sends information from the user to the administrative team.

Services Required:

Service Name	Service Provided From
Sending User Contact Information	Contact Form

User Interface	Wix
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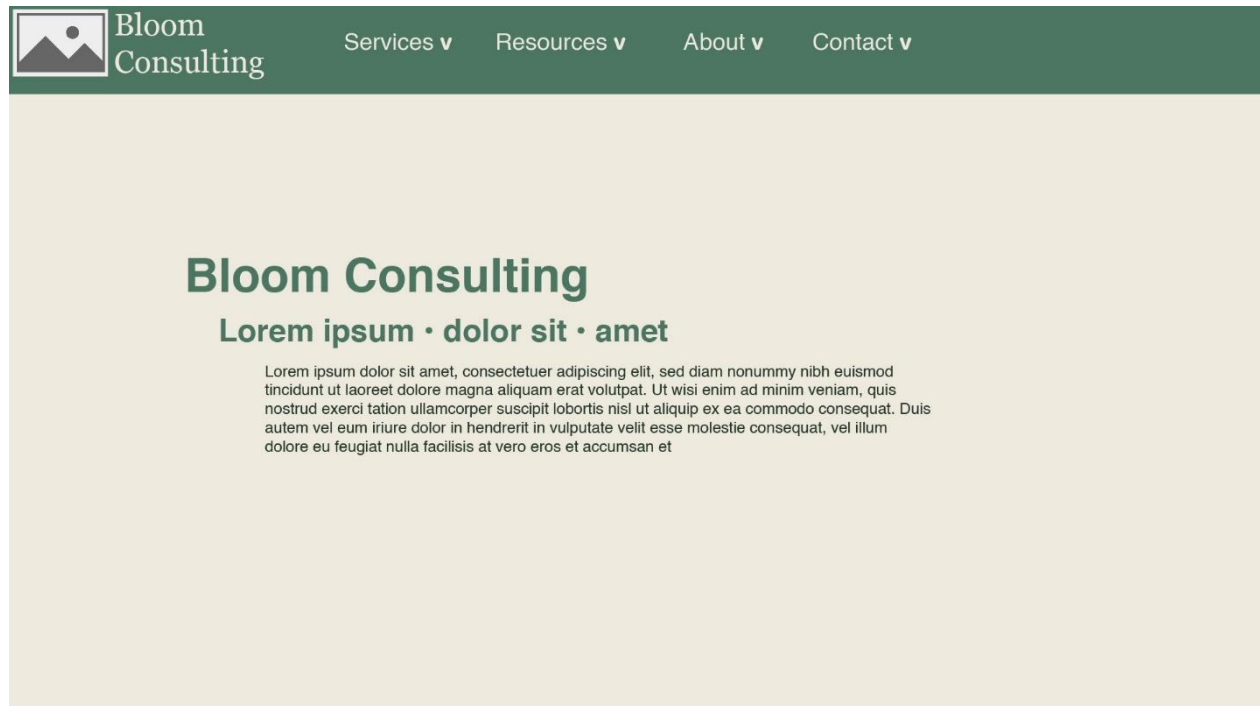


Figure 3. Bloom Collective Homepage Mockup
Homepage mockup that was shown to the client during the designing phase

The title section, as shown in Figure 3, displays the company's title, a subtitle that describes the company, and a paragraph providing a more detailed description. The top part of the image features the header, which contains the company logo, the company title, and navigation links to all pages of the website.

We expect that users will be able to navigate to different pages using the header and access various sections of the website. Additionally, we aim for the title section of the home page to provide a quick and visually appealing way for users to recognize the company's name, branding, and services.



Figure 4. Service Page Design Mockup

The mockup of our service page design, featuring 'Ecosystem Development', 'The We Collective', and 'Consulting & Supporting'

Figure 4 lists the services available on the home page. There are three major services offered, each accompanied by a picture, the service name, and a description. The purpose of the services section is to showcase the offerings available to users.

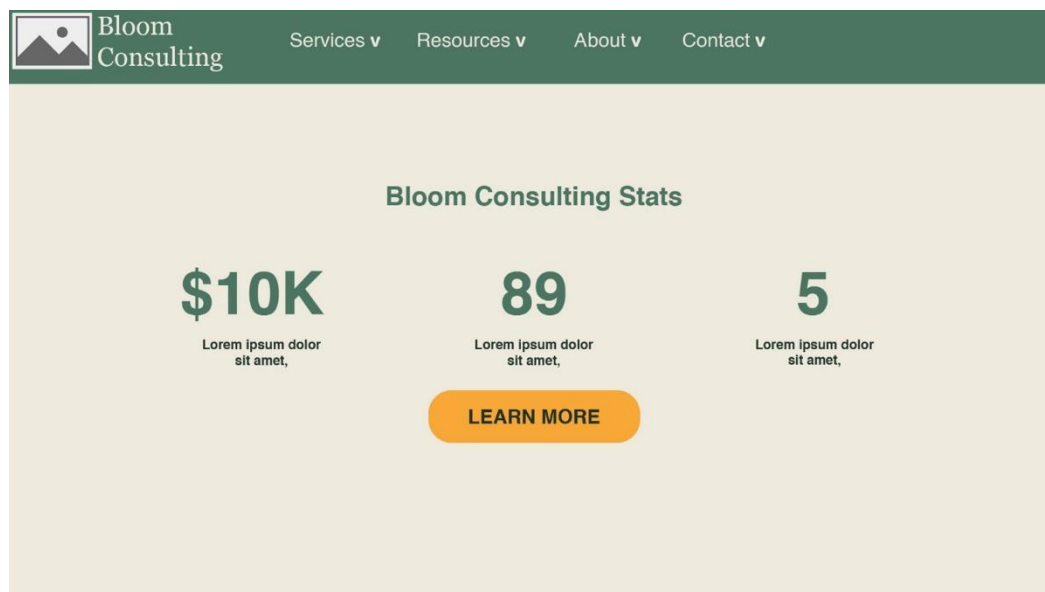
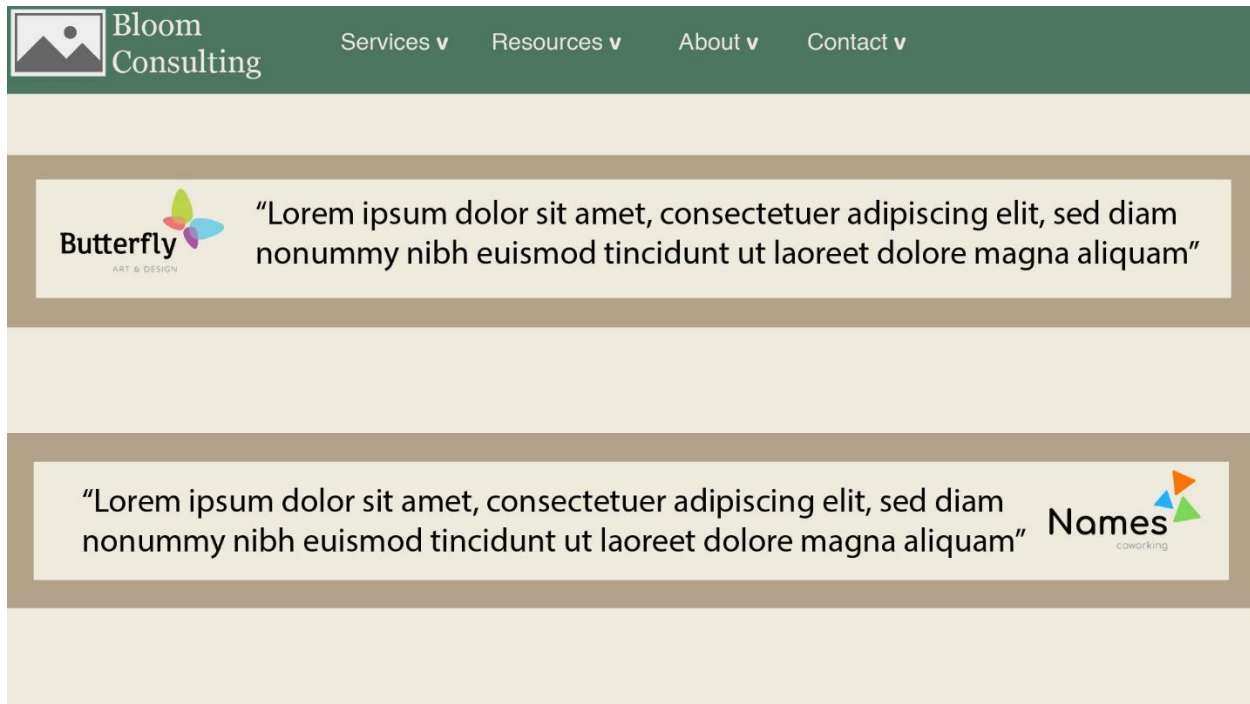


Figure 5. Company Statistics Design Mockup

Design mockup to show potential statistics on website

Figure 5 shows the statistics section of the home page, displaying key metrics that the company wants to highlight. Users can press a button to learn more, which navigates them to additional

statistics and other company-related information. Our goal is for users to gain insight into the company's quantifiable achievements.



*Figure 6. Testimonial Design Mockup
Prototype design for the idea of having a testimonial section*

Figure 6 displays the testimonial section of the home page, showcasing companies and startups the company has collaborated with, along with their reviews and testimonials. This section allows users to see the experiences of others with the company.

V. Test Case Specifications and Results

V.1. Testing Overview

The primary objectives of our testing were to ensure user satisfaction through User Acceptance Testing (UAT), verify the functionality of the contact form, and optimize the website's performance [8]. Given the limitations of the Wix platform, our testing approach emphasized leveraging Wix's built-in tools and direct client feedback. The overall testing process involved performance assessments using Wix's Site Speed Dashboard, followed by iterative UAT sessions with the client to refine the user experience. Due to Wix's inherent structure, traditional Continuous Integration (CI) and Continuous Delivery (CD) pipelines were not implemented, as Wix manages many of the underlying processes, limiting our ability to customize these aspects. Unit testing, integration testing, and system testing were not applicable due to Wix's code abstraction and management of component integration and core system functionalities. Functional testing was limited by our reliance on third-party plugins, though Wix's quick-test environment was utilized for custom backend functions where available. Performance testing

was conducted using Wix's Site Speed Dashboard to assess and optimize page load times, image optimization, and browser caching. User Acceptance Testing (UAT) was performed through collaborative sessions with the client, April, involving demos and direct feedback. Future work would include continuous monitoring of website performance metrics within Wix, ongoing communication with the client to address evolving user experience concerns, and the potential utilization of Selenium for further manual user interface testing to ensure a robust user experience and element functionality.

V.2. Environment Requirements

The testing environment relied exclusively on the Wix platform, which provided all necessary resources. The necessary properties included Wix's hosting servers, Wix's built-in testing tools such as the Site Speed Dashboard, and Wix's development and preview environments. As Wix provides a self-contained environment, no additional hardware, system software, or external test tools were required.

V.3. Test Results

VI. Projects and Tools Used

Tool	Purpose
Wix	Template-based website builder used to design, deploy, and maintain a GDPR- and WCAG-compliant site without requiring advanced technical skills.
WIX CRM	Centralized database for collecting, storing, organizing, and filtering client information submitted via the contact form.
Wix Analytics	Integrated analytics dashboard to track key performance metrics (visitors, bounce rate, time on site, pages per visit, and contact-form conversions).
Velo by Wix (JS)	Built-in scripting environment for adding custom functionality (e.g., form validation, API integrations, data workflows) [9].
OpenAI API	Powers the AI assistant that drafts client email responses and auto-generates meeting slide decks based on collected data [10].
GDPR & WCAG Compliance Tools	Ensures ongoing adherence to data-privacy regulations and accessibility standards (e.g., Cookiebot for consent, WAVE for accessibility auditing).

VII. Description of Final Prototype

I. Final Prototype Summary

This section outlines the architectural and design approach for Bloom Collective's new website, serving as both a blueprint for developers and a reference for stakeholders (the founder and administrative team). Built on the Wix platform—with Velo by Wix for custom scripting—the site will be fully responsive, GDPR- and WCAG-compliant, and designed for easy content management by non-technical staff. Its modular structure separates core functions (content pages, contact form, analytics, and client database) into independent components, ensuring maintainability today and scalable extensibility as Bloom Collective's needs evolve.

Key system functionalities include a clean, intuitive user interface that highlights Bloom Collective's services, impact metrics, and client testimonials; a streamlined contact form that feeds into a centralized Wix CRM database; and an integrated Wix Analytics dashboard that tracks visitor behavior, engagement metrics (bounce rate, time on site, pages per visit), and conversion rates (contact form submissions). This solution approach balances ease of ongoing administration with robust reporting and customization capabilities, providing Bloom Collective with a flexible, future-proof online presence.

VIII. Product Delivery Status

This project consists of a website to provide Bloom Collective with an online presence. The website went live during December of 2024, however, we have been continuously working on and adding small details since then. The key features include structured navigation system, interactive service pages, and a contact form. Additionally, we implemented Wix Analytics to track visitor engagement and monitor site performance.

Project Information:

1. The information on our project is stored under the following GitHub repository:
<https://github.com/aanthoonyy/ACME1-BC-fullStackApp>.
2. Any information needed to continue work on this project is through the Wix dashboard which the Bloom Collective staff have full access to.

IX. Conclusions and Future Work

IX.1. Limitations and Recommendations

Wix presented some limitations, particularly in testing and achieving an exact design. However, since our client wanted to maintain the site herself, Wix was the ideal choice, and we have no further recommendations. If she had a dedicated team to manage the website, a React-based solution might have been a better option for long-term scalability and customization.

IX.2. Future Work

While we've successfully created a website to establish our client's online presence, she is now interested in incorporating more AI into her workflow. We've already supported her with tasks

like email management and presentation creation, and further optimizations such as automated meeting notes and AI virtual assistants could provide even greater efficiency.

X. Acknowledgements

We thank our client April and her company Bloom Consulting for sponsoring the project. It was a great opportunity to learn about website development, analytics, and working with a professional client. The team members, Anthony, Tasha, and Zviko all did great work on the project!

XI. Glossary

1. **GDPR (General Data Protection Regulation):** A legal framework that sets guidelines for the collection and processing of personal information from individuals who live in the European Union (EU). Compliance with GDPR ensures that user data is handled securely and with respect to privacy rights. [2]
2. **WCAG (Web Content Accessibility Guidelines):** A set of guidelines developed to ensure that web content is accessible to all users, particularly people with disabilities. WCAG compliance helps make websites more usable for people with visual, auditory, and cognitive impairments. [3]
3. **Full Stack Development:** The development of both the front-end (client side) and back-end (server side) of a website or web application. It involves working on everything from the user interface to database management and server configurations.
4. **Back-End Database:** A structured collection of data stored on a server that can be accessed by authorized users. In this project, the back-end database would store contact information for clients, such as names, emails, phone numbers, and business details.
5. **Wix Analytics:** A web analytics service offered by Wix that tracks and reports website traffic and user behavior. It helps website owners understand how visitors interact with their website and provides insights for improving user engagement and performance.
6. **Mobile-Responsive:** A design approach that ensures a website adapts and functions well on various devices, including smartphones, tablets, and desktops. It improves the user experience by making the site easy to navigate on different screen sizes.
7. **E-sign (Electronic Signature):** A digital method of signing documents electronically, offering a legally binding alternative to handwritten signatures.

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XIII. Appendix A – Team Information

Anthony Devito

Tasha Meadows

Zviko Masike

XIV. Appendix B – Example Testing Strategy Reporting

User Acceptance Testing (UAT)

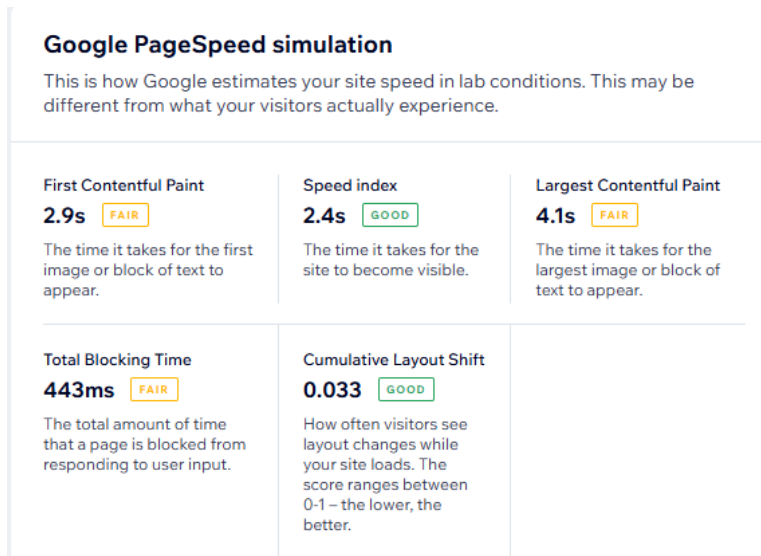
The client, April Needham, participated in multiple review sessions during which her feedback directly informed improvements to the site’s navigation, page layouts, and contact-form functionality. Based on her input, we refined menu structures for easier access to key content and enhanced the contact form by adding dynamic fields that adapt to user selections, ensuring a smoother inquiry process.

Functional Testing

We validated that all website content renders correctly across devices, that contact-form submissions reliably generate email notifications, and that administrative controls grant the necessary permissions for content updates. Additionally, we confirmed that Wix Analytics is accurately tracking visitor interactions, including page views, form submissions, and engagement metrics.

Performance Testing

Using the Wix Site Speed Dashboard, we verified that page load times consistently meet our two-second target on both desktop and mobile. To sustain this performance level, ongoing optimization efforts focus on compressing images, minimizing asset sizes, and refining front-end code.



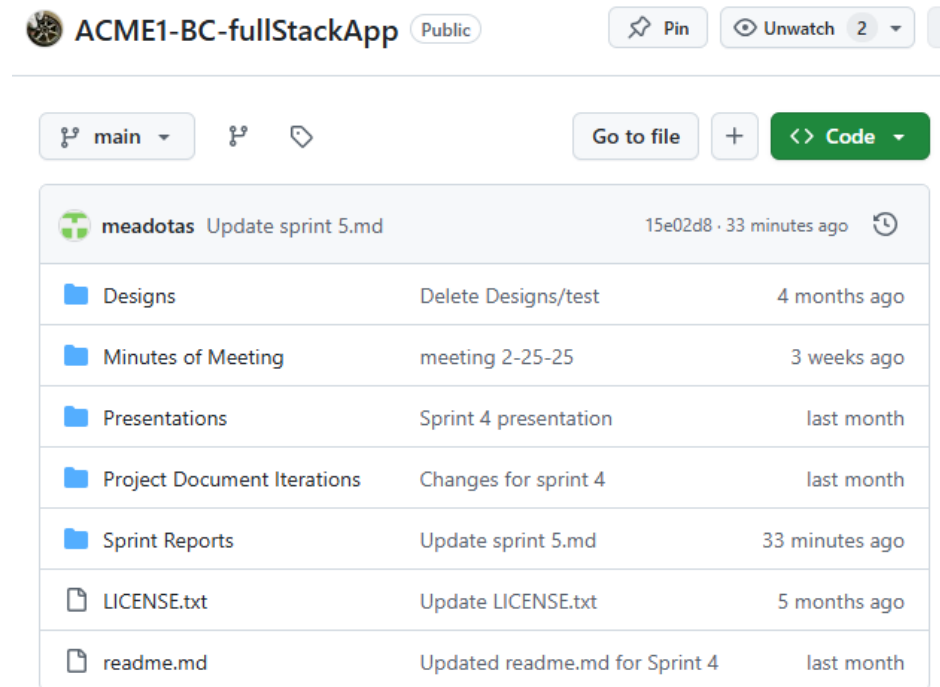
XV. Appendix C – Example Testing Strategy Reporting

Our team met weekly to review tasks for the week and update our Kanban board. Additionally, we held bi-weekly Zoom meetings with our client, April, and met in person with Professor Kumar approximately every three weeks. To ensure smooth coordination, we also maintained regular email communication with our client and among ourselves.

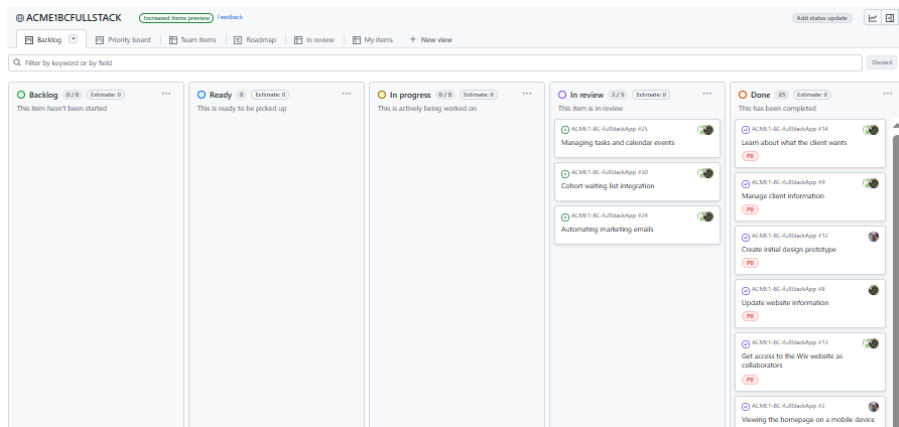
Automation and Development of Bloom Collective – Final Report

We found our meetings with our capstone client to be the most valuable. These discussions allowed us to reflect on our progress, plan for the next two weeks, and determine what needed to be changed, researched, or added.

To stay organized, we maintained a GitHub repository containing our designs, meeting minutes, presentations, project document iterations, and sprint reports. We also used a Kanban board to track tasks effectively.

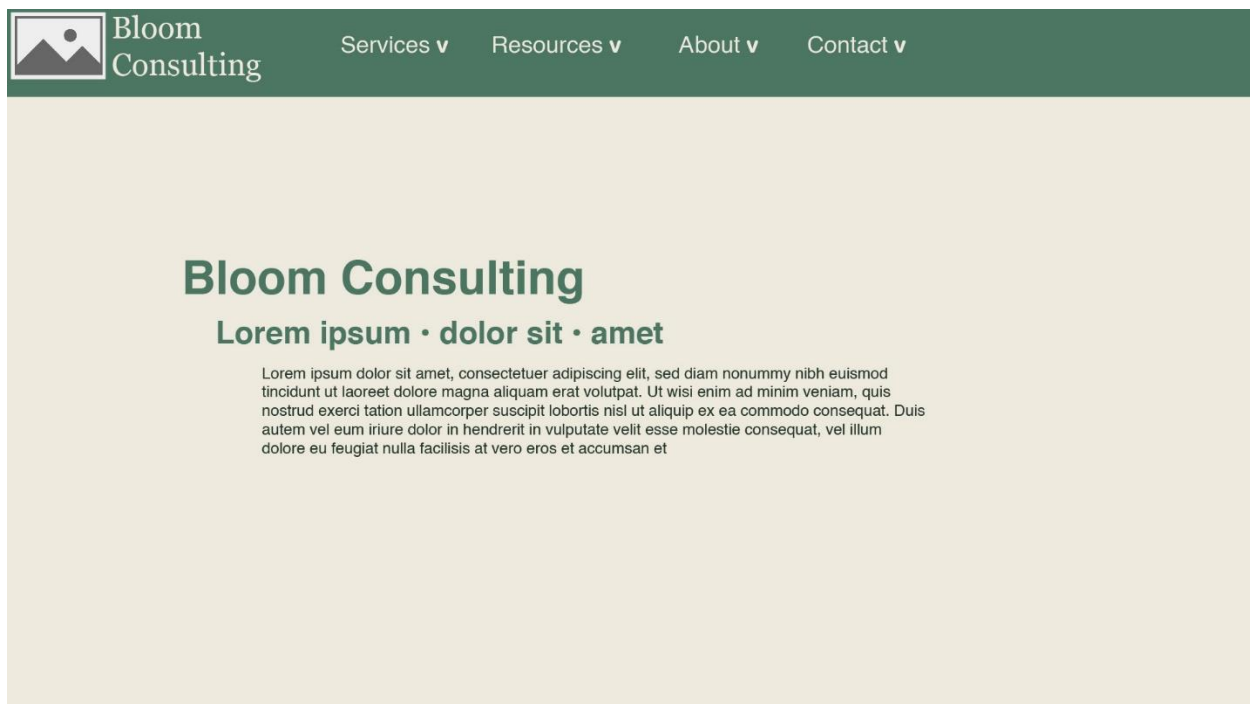


Screenshot of GitHub Repository



Kanban board on GitHub

XVI. Appendix D – UI Mockups



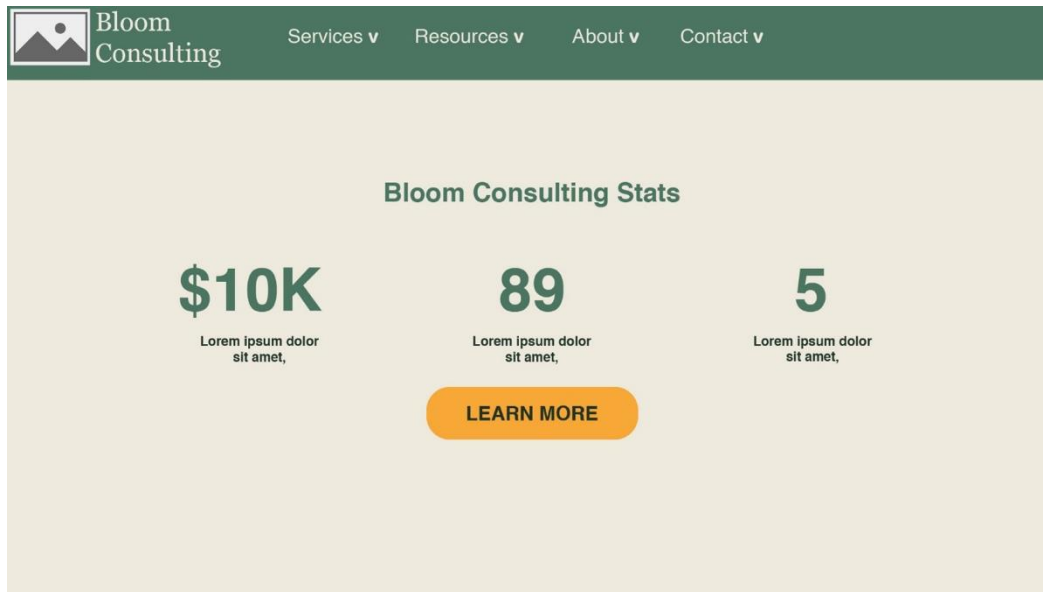
Bloom Collective Homepage Mockup

Homepage mockup that was shown to the client during the designing phase



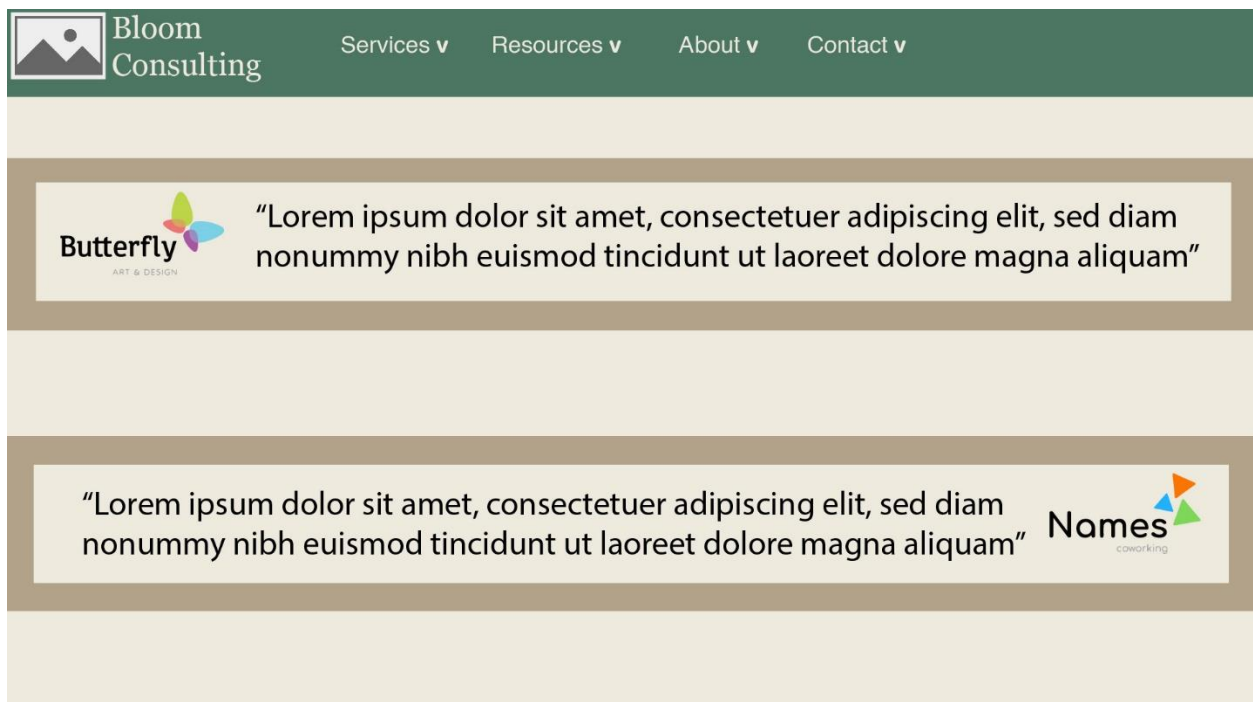
Service Page Design Mockup

The mockup of our service page design, featuring 'Ecosystem Development', 'The We Collective', and 'Consulting & Supporting'



Company Statistics Design Mockup

Design mockup to show potential statistics on website



Testimonial Design Mockup

Prototype design for the idea of having a testimonial section