Centennial College Design Jam 2018

Industry and Community Partner: Project Proposal

Contact Information

Organization Name	Contact Name
EnviroFit Inc.	Jonathan Mayer

Project Proposal

Project Description
Provide a summary of the proposed project including the desired outcomes or deliverables (maximum of 1,000 words). We would like to collaborate with Design Jam to create our website. We envision the project looking similar to the description below: We want to design an easy-to-use website that provides information about our company and the industry for our potential customers, existing customers, and general news seekers. Additionally, we want our website to support internal management functions such as live bookings (Inc. real-time progress updates and assigned work orders). First and foremost, the website must provide all the basic information about our organization, our services, and the industry. This will include a detailed 'about us' page with a breakdown of the company's story and management team. Our services section will mostly explain the uses of a Variable Frequency Drive and how it can be implemented into a free discharge fan or a ducted VAV system for significant energy savings. We also would like this section to explain how the following services are environmentally friendly: · Artificial Lawns · Upgrading Ducts · Cleaning Air Pipes · LED Lighting · Cool Roofs (energy reducing painting) · Boiler Upgrades · Airtightness (HRV) · Drain water heat recovery The 'Industry News' section will have ongoing updates about new breakthroughs in the clean energy industry including articles pertaining to carbon emission reduction, energy savings, solar, cool roofing, clean-tech, green-tech…etc.

Our website will also have a 'Case Study' section where we will walk through our historical projects and provide statistical analysis for the success of these projects. In these studies, we will share the challenges we faced, and the key takeaways that will be applied to our future projects.

The 'Contact Us' page will have our number, email, and address- as well as a map image of our location. We would also like an option to submit a general enquiry here.

Some other desirable features/components are:
- Live Chat
- Live Quote
- SEO optimization
- Key search words- can be a combination or single use of the bracketed words (retrofit, environmental, clean-tech, green-tech, old building, VFD, Toronto, RTU, rooftop unit, upgrade, repair…)

The primary purpose of the website is basic functioning and design; this includes descriptive general pages. The advanced functions, such as Live Chat, Live Quote, energy saving calculations, and Internal Portal will require more attention to detail and research on our end.

The Live Chat feature will need to be available during regular business hours and provide website visitors an opportunity to ask questions and obtain immediate answers. The Live Quote feature will require data understanding, where we can ask specific questions about the requested project to better estimate how much the project will cost. This feature will likely need to reference a spreadsheet, and narrow down the possible prices based on the answers received.

Lastly, we would like to develop a backend portal that allows access to management and employees so they can track which bookings have been filled and by which corresponding employee. This will help to avoid overlap between different contractors. Ideally this feature can be accessed using a unique login for the employee or manager using the portal. The portal will be able to track live updates, including updated progress reports on the work being done.

Recommended Skills

As Design Jam will be drawing from multiple academic areas to build the cross-disciplinary teams to support your proposed project, please identify specific skills or education background that graduates should have in order to be successful with this project (max of 250 words).

The team working on this website will need to have skills in computer science, website design, graphic design, coding, HTML/Java/Pardot or any relevant coding software. This project will be a team effort that provides a great learning experience for students in this field of study. Mistakes and errors are not unexpected- our team wants to create a healthy working environment where students can explore their potential and strive to create a beautiful, organized, and seamless website.