**E-Commerce Furniture Website**

**By**

**Power Techs**

**PREPARED FOR**

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| --- | --- | --- | --- |
| **PROJECT TITLE** | E-commerce Furniture Website | | |
| **SUBMITTED BY** | Power Techs | **Submitted To** | Steve George |
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# **1. BACKGROUND**

**Furniture Website by Power Techs**

In today’s digital world, your website is often the first impression on potential customers. In fact, more than 60% of today’s purchases start online, and nearly all consumers state that company websites factor into their purchasing decisions. A reliable, well-designed website exposes your products and services to those who seek them and makes it easier for you to compete in a crowded marketplace. This is a proposal for a portfolio website, which will be targeting primarily to people who are looking for IT solutions.

Power Techs has fast become a dynamic and fast-moving company in Client Solution Management in Information Technology in Canada and has proven itself to be one of the market leaders. We strive to provide you with the best solutions for your business needs. We have had the pleasure of working with many brands around the world to build successful business websites. We have strong web design background, augmented by an understanding of what makes any website a profitable marketing tool.  
In this proposal, you’ll find a wealth of information related to the web design services that we offer. We’ve included visual snapshots of the website along with testimonials from previous clients. You’ll also find information regarding my approach to web design project, and the costs associated with your website’s design and creation.

**Primary Audience:**

**Secondary Audience:**

**Tertiary Audience:**

# **2. GOALS AND OBJECTIVES**

# **3. PROJECT REQUIREMENTS AND DELIVERABLES**

# **4. ABOUT US**

**WHY WE’RE THE BEST FIT**

For over 25 years, **Power Techs** has helped companies communicate with confidence and deliver transformative IT business results by enabling powerful experiences that engage customers across multiple touchpoints, all strengthened by our technology expertise. Our service capabilities include strategic consulting, web design and development, and digital marketing and branding.

We Specialize in a few of content management systems such as:

* WordPress
* Drupal

And, we work with the newest and most widely used technology such as:

* HTML
* CSS
* PHP
* MYSQL
* React JS
* Angular JS

**5. OUR TEAM**

# **6. INTERACTION BY USERS**

1. **Unauthenticated:**
2. **Authenticated:**
3. **Administrators:**

# **7. SECURITY CONSIDERATIONS**

1. **Password encryption:**
2. **SQL Injection:** As we want to protect our data from SQL Injection, we must take care of binding the values to the named parameter. This way the user information passed will be safe to interact with the database. For binding, refer to following steps:

* Escaping the data
* Sanitize the data before it inserted to DB – to protect our data from attacks.

1. **XSS Protection:**
2. **CSRF Protection:**
3. **User Authentication:**
4. **Admin Authentication:**

# **8. P****HASES OF DEVELOPMENT**

**Planning/Exploration**  **8 Hours**

**Design/Content** **12 Hours**

**Coding/Testing 24 Hours**

* **Frontend Coding:**
* **Backend Coding:**

**Launch/Maintenance 4 Hours**

# **9. MAJOR ASSUMPTIONS**

The developer will:

* Use regular e-commerce security standards with proper authentication system.

Targeting business from most IT companies and private users as the total load on the site.

# **10. DATA MODELS AND ERD**

# **11. SITEMAP**

# **12. PHOTOSHOP MOCKUPS**

# **13. DYNAMIC PAGES DESIGN/SCREENSHOTS**

**Register Page:**

**Login Page:**

# **15. TIMELINES/BUDGET**

# **16. CONCLUIONS**

# **17. CREATIVE BRIEF**

What does the client wish to accomplish with this project?

What is it?

How will it be used in the marketplace?

Who will it be seen by?

What are the most important calls to action?

What should the personality of the project be?

What are the mandatory inclusions?

# **18. WORKBACK SCHEDULE/TIMESHEETS**

From: Power Techs

To: Steve George

Re: Workback Schedule for Website Development

Started Date: July 28, 2020

|  |  |  |
| --- | --- | --- |
| **Task** | **Responsible** | **Date** |
| Work Starts (Product Requirement) | Power Techs | 4-Dec-19 |
| Project Clarifications | Client | 4-Dec-19 |
| Project Specification | Power Techs | 4-Dec-19 |
| Content Acquisition | Client | 4-Dec-19 |
| Data Integration | Power Techs | 4-Dec-19 |
| Customization/Design | Power Techs | 4-Dec-19 |
| Take Original Photograph | Power Techs | 5-Dec-19 |
| Source Stock Photograph | Power Techs | 6-Dec-19 |
| Web Optimization | Power Techs | 6-Dec-19 |
| SEO Optimization | Power Techs | 7-Dec-19 |
| Design Approval | Client | 8-Dec-19 |
| Design Mockups | Power Techs | 9-Dec-19 |
| Coding/Programming | Power Techs | 10-Dec-19 |
| Website review before testing | Client | 14-Dec-19 |
| Testing Approval | Client | 14-Dec-19 |
| Unit Testing | Power Techs | 16-Dec-19 |
| Functional Testing | Power Techs | 16-Dec-19 |
| Load/Performance Testing | Power Techs | 16-Dec-19 |
| Site Review before Activation | Client | 16-Dec-19 |
| Website Live Approval | Client | 16-Dec-19 |
| Server Testing before live | Power Techs | 17-Dec-19 |
| Website goes live | Power Techs | 18-Dec-19 |
| UAT Testing | Power Techs | 18-Dec-19 |
| Client-Side Testing | Client | 18-Dec-19 |
| Project Review | Client | 19-Dec-19 |

# **19. INVOICE:**