

Tesla Solar Solutions

Project: Company Website

PROJECT SUMMARY

Project Brief

Present and describe the services of Tesla Solar Solution Co. on the Internet, by developing and designing user friendly and responsive web site.

PROJECT BREAKDOWN

Data/content gathering and organizing

- Search and collect all the information from the old website
 - Search for a cached copy of the old website
 - Gather pictures and information
- Search for appropriate pictures
 - Look for free stock photos to emphasize the solar future
- Organize the data and the picture to fit in the content

Hosting services research

- Search for the most convenient and affordable hosting service
- Choose for the best match - features/competence/price - [SmarterAsp.net](#)
- Read customers review for the service provider
- Created account and tested the service by enrolling in trial period subscription
- Start the webhosting service
- Configure the hosting
- Connect the domain with the hosting provider

Domain name research

- Research for most used and catchy keywords for solar energy services
- Brainstorming for the most convenient and self-explanatory domain name
- Check for availability
- List of suggestion
- Search for the best domain service provider
- Choose the most affordable and convenient - [GoDaddy.com](#)
- Created account and registered the domain for 2 years - [teslasolarsolution.com](#)
- Configure the domain and connect to the hosting service provider



Template Design - User interface(Photoshop)

- Research
 - Appropriate colors and themes
 - Best and user friendly layout by examining the competition
- Design the website layout
- Design the gallery
- Picture editing - crop, resize, color correction
- Creating two landing page picture(banners)
 - Combine three pictures and adding text to them
 - The picture as a whole has it's own story. I like when the picture itself tells a story.
- Design website favicon
 - Page icon or an urlicon, is an icon associated with a particular website or webpage
 - Makes the website looks genuine and competent

User interface development(HTML, CSS, Bootstrap)

- Develop responsive user interface using the last bootstrap technology
 - The UI is mobile friendly and provide an optimal viewing experience
- Define the pages structure and navigation
 - Home,Project ,About ,Contact Page
- Add text and images

Features development(Microsoft ASP.NET MVC, C#, JQuery)

- Included map with the company address from GoogleMaps
- Included email contact form
 - Configure the email servers settings
- Included user login and authentication
- Included Projects administration
 - Add new project
 - Include validation for the data
 - Edit project
 - Delete project
 - List projects
 - Picture handling
 - Check for appropriate file format
 - Algorithm for pictures resizing for faster page loading and better user experience
 - Prevent from overwriting/replacing pictures when adding new project



Testing - Basic cross browser testing

- **Browser compatibility**
 - Chrome
 - Firefox
 - IE >9.0
 - Opera
- **Devices compatibility**
 - Iphone
 - Ipad
 - Samsung Galaxy Smartphones
 - Samsung Galaxy Tab
 - KindleFireHD
 - Desktop PC
 - Laptops

ACCOUNT INFORMATION

GoDaddy.com – Domain provider

Managing domain name and subscription

URL: [GoDaddy.com](https://godaddy.com)

❖ Username:
❖ Password: /
❖ PIN:

SmarterASP.net – Hosting provider

Managing website files, database and access

URL: [SmarterASP.net](https://smarterasp.net)

❖ Username:
❖ Password:

Google account

For email servers and analytics

URL: [Gmail.com](https://gmail.com)

❖ Username:
❖ Password:

TeslaSolar Administrator

Managing projects on the TeslaSolar Website

URL: [TeslaSolarSolutions.com](https://teslasolarsolutions.com)

❖ Username:
❖ Password:



Device screenshots

