

CRAIGSLAND.COM

Contents

1. Introduction
 - a. Purpose
 - b. Overview
 - c. Scope
2. Functional Requirements
 - a. Overview
 - b. Public (non-administration)
 - i. Home Page
 - ii. Plots for sale (listing of all plots for sale)
 - iii. Plot details (detailed listing of a plot)
 - iv. News
 - v. Seminars
 - vi. Contact
 - vii. FAQ
 - viii. About
 - ix. Plot Summary
 - x. Picture Gallery
 - c. Administration
 - i. Manage (add/edit/remove) Plots
 - ii. Manage (add/remove) Pictures
 - iii. Manage (add/edit/remove) News
 - iv. Manage (add/edit/remove) FAQ
 - v. Manage (add/edit/remove) Seminars
3. Non-Functional Requirements
 - a. Overview
 - b. Technologies
 - c. Database
 - d. Network Load
 - e. Security
 - f. Interface
 - g. Compatibility
4. Hosting Requirements
5. Maintenance Requirements
6. Logo Design

1. Introduction

a. Purpose

The purpose of this document is to describe the official requirements for the website design and maintenance of Craigsland.com. This documentation will describe all of the functional and non-functional information regarding the website and how the website will be implemented.

b. Overview

Craigsland.com will be a website that allows its audience to gather information regarding plots of land for sale, purchase plots of land, and gather information about possible services for sale such as seminars. Craigsland.com is also designed to provide supplemental information for the EBAY listings of certain plots.

c. Scope

The website will consist of a series of pages (listed below) that will provide both the front end or public webpage and the back end or administration side. The Administration side will allow the owners to modify (add, remove, edit) plots for sale, modify pictures, modify news articles displayed on the front page, modify the FAQ, and modify seminars. The front end of the website will be designed with a tasteful and professional design and will allow visitors of the site to gather information and buy plots of land quickly and easily. Standard maintenance of the site will include hosting of the website and technical support.

2. Functional Requirements

a. Overview

This section describes all of the functions that the website must adhere to in order to be completed prior to distribution. These requirements are specific to what the architecture must accomplish.

b. Public (non-administration)

i. Home Page

The page that will be first brought up when a user visits the site.

1. Welcome message and description of the company

2. News Articles

These can be used to display new and up-to-date information about the happenings of the company

- a. The five most recent articles will be displayed

- b. The news articles will display a date, title, and the article itself with a link to the news page
3. Featured plots

The home page will display the plots that have been marked as featured using a plot summary. (2.b.ix) This is designed to allow for the ability to push certain plots and allow the visitors to immediately see the best the site has to offer.
- ii. Plots for sale (listing of all the plots for sale)

This page allows the visitor to view all the plots that are for sale through Craigsland.com. The plot information will be displayed using the plot summaries. (2.b.ix)

 1. Listings will have the ability to be paged. The visitor will have the option of displaying 5, 10, or all of the listings at once. The other listings will be put into a paging format.
 2. A link to the EBAY store will also be present on this page.
- iii. Plot Details (detailed listing of a plot)

This page will be visited when the user would like more information about a specific plot.

 1. Items that will be displayed
 - a. Display pictures, this is the picture that is used in the plot summaries (2.b.ix)
 - b. Location of the plot
 - c. Price to buy the plot
 - d. Description of the plot
 - e. Link to EBAY listing if applicable
 - f. Picture gallery (2.b.x)
 2. There will be a purchase link that will take the visitor to Pay Pal allowing them to purchase the plot.
 3. There will be a form to allow visitors to inquire about a specific plot.
- iv. News

The news page will display all news articles in detail.

1. News articles will have the ability to be paged. The visitor will have the option of displaying 5, 10, or all of the news articles at once. The other news articles will be put into a paging format.
2. News articles will also be able to be sorted either newest to oldest or oldest to newest.

v. Seminars

The seminar page will be a location where visitors can gain information about when seminars are available and book a seminar.

1. Items that will be present on this page
 - a. Description of seminars available
 - b. Contact form for booking a seminar
 - c. Listing all of the booked seminars, displaying the time, date, and cost.

vi. Contact

This page will have a form that a visitor can fill out and submit which will be emailed to a given address.

1. The form will contain the following fields to be completed
 - a. Name
 - b. Return email address
 - c. Topic or subject
 - d. The body of the message

vii. FAQ

This page is straight forward and will contain a nicely formatted list of questions with answers.

viii. About

The about page will be a location where visitors can go to gain more information about the company.

1. History/About section will provide information about the company and how it operates.
2. A meet the people section will allow for a short summary of the key players in the company.

3. A link will direct visitors to the contact page for questions.

ix. Plot summary

This is a summary of a plot that will be used in multiple sections through out the website.

1. Title

The title of the plot or the scheme which you will use to refer to the plot

2. Thumbnail image

This image will be the image that is associated with the plot for display purposes.

3. Location

4. Price

5. Link to the plot detail page

6. Link to the EBAY listing if applicable

x. Picture gallery

The picture gallery will be used throughout the site, while its key purpose is to be used on the plot details page.

1. The gallery will be scrollable displaying only a few pictures at a time.

2. Each picture will be clickable which in turn will open a window with the full sized picture.

c. Administration

i. Manage (add/edit/remove) Plots

1. The following information will be editable

a. Display pictures, this is the picture that is used in the plot summaries (2.b.ix)

b. Location of the plot

c. Price to buy the plot

d. Description of the plot

e. Link to EBAY listing if applicable

- f. Picture gallery (2.b.x)
 - Add picture or select from already uploaded images
- ii. Manage (add/remove) Pictures
 - 1. Upload new images to the site
 - 2. Remove Images from the site
- iii. Manage (add/edit/remove) News
 - 1. The following information will be editable
 - a. Title
 - b. Date
 - c. Content or news article
- iv. Manage (add/edit/remove) FAQ
 - 1. Add new questions and answers
 - 2. Remove questions and answers
 - 3. Edit questions and answers
- v. Manage (add/edit/remove) Seminars
 - 1. Here you will be able to manage what seminars you have scheduled.
 - 2. The following items will be editable
 - a. Title
 - b. Date
 - c. Location
 - d. Price
 - e. Description

3. Non-Functional Requirements

- a. **Overview**

Non-functional requirements defines the requirements the system must abide by that are not user related.

b. Technologies

The website will be coded using the Microsoft .NET 2.0 standard with C#. The entire website will be coded using ASP .NET 2.0 and Microsoft Atlas AJAX.

c. Database

The database for this website will be a Microsoft SQL database also known as MSSQL.

d. Network load

- i. Under normal network and database load levels the system will perform in a manner such that any particular user waits no longer than a second for any database query (assuming the user has a high-bandwidth, low-latency connection to the datacenter).
- ii. Ignoring interactions with the database and/or other systems, the client's web browser should load any particular page almost instantly. This assumption is made under the premise that the resources of the computer running the web browser are not being used by other processes.

e. Security

The system will adhere to the following security policies

- i. The administration section will be secured with a login username and password. The password must fit at least three of the four criteria for a strong password defined by Microsoft. For more information on this please visit <http://www.microsoft.com/athome/security/privacy/password.mspx>
- ii. All forms that are to be filled out and submitted via email to the company will be secured to prevent spam mailing through the website.
- iii. The purchase link through which a customer will connect with Pay Pal will be secured to prevent the falsification of information presented to Pay Pal.

f. Interface

The interface for the website will be tasteful and professional. Information will be presented to users in an easy to understand and navigate format. Color schemes and layouts will reflect the wishes of the Craigsland.com staff.

g. Compatibility

The website will render correctly in all major browsers, with little to no wait time as described in the network load section (3.d)

4. Hosting Requirements

Hosting for the website will be provided for a monthly charge.

The website will be hosted on a shared server that supports the technologies mentioned in section 3.b. In addition to this the server will have a minimum of 99.5% uptime. This means that the server will be up and in operation no less the 99.5% of the time. The server requirements are as follows

- a. 5gb of storage space for images and content
- b. 100gb of monthly transfer

- c. MSSQL database
- d. Support for up to 10 domain names

5. Maintenance requirements

Maintenance will be provided for the website for a monthly charge.

- a. Provided the server is operation, the website will be functional 100% of the time.
- b. Scheduled maintenance may be performed which maybe cause website down time.
- c. In the event of a major malfunction down time may be adjusted according to the nature of the malfunction.
- d. A response will be delivered within 12 hours of any change requests or reports of problems outlining a schedule for the delivery of the fix or change.

6. Logo Design

- a. A logo will be created for use in both the website and business.
 - b. Logo designs and color schemes will be presented to the company and will await approval before use.
- The logo will become the property of Craigsland.com once the design as been approved.