

Property of Anthony Charles Nicholls

Software Design Document

For

Project: (NSW) Natsuko's Sharing Website

**CONFIDENTIAL
211 – 885 Craigflower Road
Victoria, BC
V9A 2X4**

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Intellectual Property

This document is the property of **Anthony Charles Nicholls**, all ideas expressed herein are the intellectual property of **Anthony Charles Nicholls**, and may not be discussed with any third party for any purpose, without prior written consent from **Anthony Charles Nicholls**.

All intellectual property rights surrounding the idea and results of this document are the sole property of **Anthony Charles Nicholls**, currently of 211 – 885 Craigflower Road, Victoria, BC., V9A 2X4. Should anyone wish to obtain rights to share information in this document concerning the specifications of this project, they may obtain written consent at the aforementioned address.

Audience

The audience of this document is intended to consist of only **Anthony Charles Nicholls** (hereinafter, “**The Owner**”), and those interested in investing property or equity in **The Owner** (hereinafter “**Assisting Party**.”)

Disclosure

In order to obtain such assistance it is necessary for **The Owner** to share confidential proprietary information with the undersigned relating to the operation of this project. The purpose of this agreement is to set forth the terms and conditions under which **The Owner** will disclose to **Assisting Party** such information.

The disclosure by the author to **Assisting Party** of Information shall be governed by the following conditions:

1. **Assisting Party** agrees to use any information received under this agreement solely for the purpose of assisting and evaluating the commercial opportunity provided by this project.
2. **Assisting Party** agrees to hold in strict confidence and not to disclose to third parties and not to use commercially, without the prior written consent of **The Owner**, any and all Information received from or revealed as a result of disclosure by **The Owner**.
3. All materials capable of copyright protection, designs and patentable programs created by **Assisting Party** as a result of discussion with **The Owner** shall, at the request of **The Owner**, be assigned to **The Owner** on the basis that this agreement entitles **The Owner** to all rights throughout the world. On such request being made **Assisting Party** shall execute any document required to vest any such property legally in **The Owner**.
4. **Assisting Party** agrees not to work on a competing project during the period that assistance is being provided to **The Owner** and for a 2 year period following the providing of such assistance.
5. **The Owner** shall be entitled to equitable relief, including injunction and specific performance, in the event of a breach of the Agreement, in addition to all other remedies available to **The Owner** in law or equity.

Dated at _____ in the _____ this ____ day of _____ 20 ____.

Name of Assisting Party:

Address: _____

Signature: _____

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Overview

The project is a website that is similar to craigslist.com or usedvictoria.com. The purpose of the site is to allow people to place an ad, free. Ads can then be viewed and responded to by any user, registered or not.

User Requirements

Item	Requirement Name	Requirement Detail	Information
1.	Register or Sign up	users must be able to register	user enters: <ul style="list-style-type: none">• email• phone• location• password
2.	Log In	users must be able to log in	user will enter a username and password
3.	Responding to an ad	Both registered and anonymous users should be able to respond to an ad.	Sends the email to the ad's poster without exposing the user's email. Secondary communication will be handled by the users themselves, outside of the site. Requires a contact form with captcha. Respondent's email Respondent's inquiry
4.	User location	User's location will be a selectable postal code.	The database will hold a table of valid postal codes, with latitude and longitude of each postal code. This will allow a map to be displayed on each item's page.

Ad Requirements

Item	Requirement Name	Requirement Detail	Information
1.	Entering an ad	Ad can be entered by any registered user User enters: 1. Title 2. Description 3. Price 4. Photos 5. Category 6. Preferred Contact (if user chooses email, phone number is not displayed)	Ad photos can be limited by size and number. Used Victoria uses 8 photos per ad with a limit of 15MB per photo. That's 120 MB per ad, which gives about 8 ads per 1GB. Or about 800 ads with GoDaddy's 100GB. 4 photos per ad with a 7MB MAX would allow for about 3600 ads. This would be a good start.
2.	Edit an ad	Ad can be edited only by the user who entered, and only when authenticated.	User can edit these fields: <ul style="list-style-type: none">• Title• Description• Price• Status•
3.	Deleting an ad	Ad will be marked for immediate deletion when; 1. User sets ad status to SOLD 2. Ad reaches X months past expiry date	The (X) here is still to be determined.
4.	Displaying an ad	Ads will be displayed if; 1. Expiry date is more than today's date. 2. The status is not sold. 3. The item is not marked for deletion.	
5.	Renew Ad	user should be able to renew ad	link in expiry email will re-activate the ad

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6.	Category	<p>Ads will have a category, to make viewing easier.</p> <ul style="list-style-type: none">a. Home furnishingsb. Electronicsc. Artd. Childrens itemse. Community noticesf. Clothingg. Eventsh. Farmingi. General merchandisej. Servicesk. Hobbiesl. Petsm. Sporting goodsn. Workplaceo. Bicyclesp. etcetera	
7.	Expiry Date	ads should have an expiry date of thirty (30) days after the entry date	ad gets removed from circulation when expired Poster gets email informing them of post expiry. The email will contain a link that will inform the server to add another 30 days to the expiry date.
8.	Location	Each ad page will show a map that displays the items user location by postal code.	User must enter a valid postal code when registering so the map will display a proper location.

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9.	Status	<p>Ads should have a status to indicate if they should be displayed or not</p> <p>ACTIVE - the ad will have its own folder on the server that can contain photos of the item, or service.</p> <p>SOLD – the ad will be marked for deletion from the database and all photos deleted from the server, the folder will also be removed.</p> <p>EXPIRED – the ad will not be displayed. Ad information will be retained in case the user renews at a later date. Should space become a problem, the oldest expired ad can be marked for deletion.</p> <p>Once a day, a process could run that will remove all ads that have been marked for deletion.</p>	<p>‘Active’ ads are displayed in category lists.</p> <p>‘Sold’ or ‘Expired’ ads are not displayed in category lists.</p> <p>With GoDaddy.com, 100GB is allowed for the whole site. If only 1 GB remains then mark all ads that have not been renewed in (X) months for removal.</p> <p>(X) above is still to be determined</p> <p>This process could be run in a separate thread every time a user logs in.</p>
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Global Site Requirements

Item	Requirement Name	Requirement Details	Information
1.	Search function	Users should be able to search for items or services they require. User can select categories to search in, one or many. User can search through title or description or both	
2.	Site must be able to display in both English and Japanese	All labels should be loaded into a datatable with an English and Japanese equivalent. Site will display depending upon user's preferred selection.	
3.	Site should have a contact form for support	Commercial users may want to display advertising on the site. Space should be reserved for this in the Site.Master file. Contact should have a readily available list of prices for advertising	User can enter their request into the contact form, and an email will be sent out to the support staff.