



Digital Design Portfolio

2007 - 2012

This portfolio has samples of design work created using various applications and programming languages.

Salma Patel

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WEBSITES

MUSLI MARRIAGE

Synopsis: To create a small simple website aimed at orthodox Muslims looking to get married. The main aim was to get these particular individuals to join the website, update their profile and search through other profiles to see if they like a profile. The website had to be professional looking yet simple and easy to use. The more users join, the greater the success of the website .A dynamic website and a forum was created using technologies such as PHP and mySQL, as well as HTML and CSS.

Status: Currently Offline



MusliMarriage

[Home](#) [The Process](#) [Forum](#) [Contact Us](#) [Log Out](#)

[List of Profiles](#) [Search for a Person](#) [View my Profile](#) [Update my Profile](#) [Question me?](#) [Match me!](#)

Profile:

Username: sam
First name: Samira
Gender: Female
Location: Preston
Nationality: Non-British
Mother Toungue: Malay
Ethnic Origin: Indian
Marital Status: Never Married
Height (in foot): 7
Weight: 6
Build: Small
Smokes: No
Prays Salah: Occasionally
Hafidh: Yes
Lives: With Parents
Born a Muslim: No
Highest level of education: PhD
Employment state: Unemployed
Personal Statement: Good Personality
Name of Representative: Mr GH Lawrence
Email of Representative: sal_sis@hotmail.com
Age: 43

Picture/Avatar:



Email Rep to register interest

[Register](#)

[FAQ](#) • [Search](#) • [Login](#)

It is currently Tue Oct 05, 2010 10:49 am

[View unanswered posts](#) | [View active topics](#)

[Board index](#)

All times are UTC

[Introduction](#)

	Forum	Topics	Posts	Last post
<input type="radio"/>	Introductions Introduce yourself here!	0	0	No posts

[Forum](#)

	Forum	Topics	Posts	Last post
<input type="radio"/>	Pre-Marriage Pre-Marriage issues in here.	0	0	No posts
<input type="radio"/>	Marriage Discuss issue related to Marriage.	0	0	No posts
<input type="radio"/>	Divorce	0	0	No posts
<input type="radio"/>	Advice Corner	0	0	No posts
<input type="radio"/>	General For general ramblings	0	0	No posts

[Delete all board cookies](#) | [The team](#)

[Board index](#)

All times are UTC

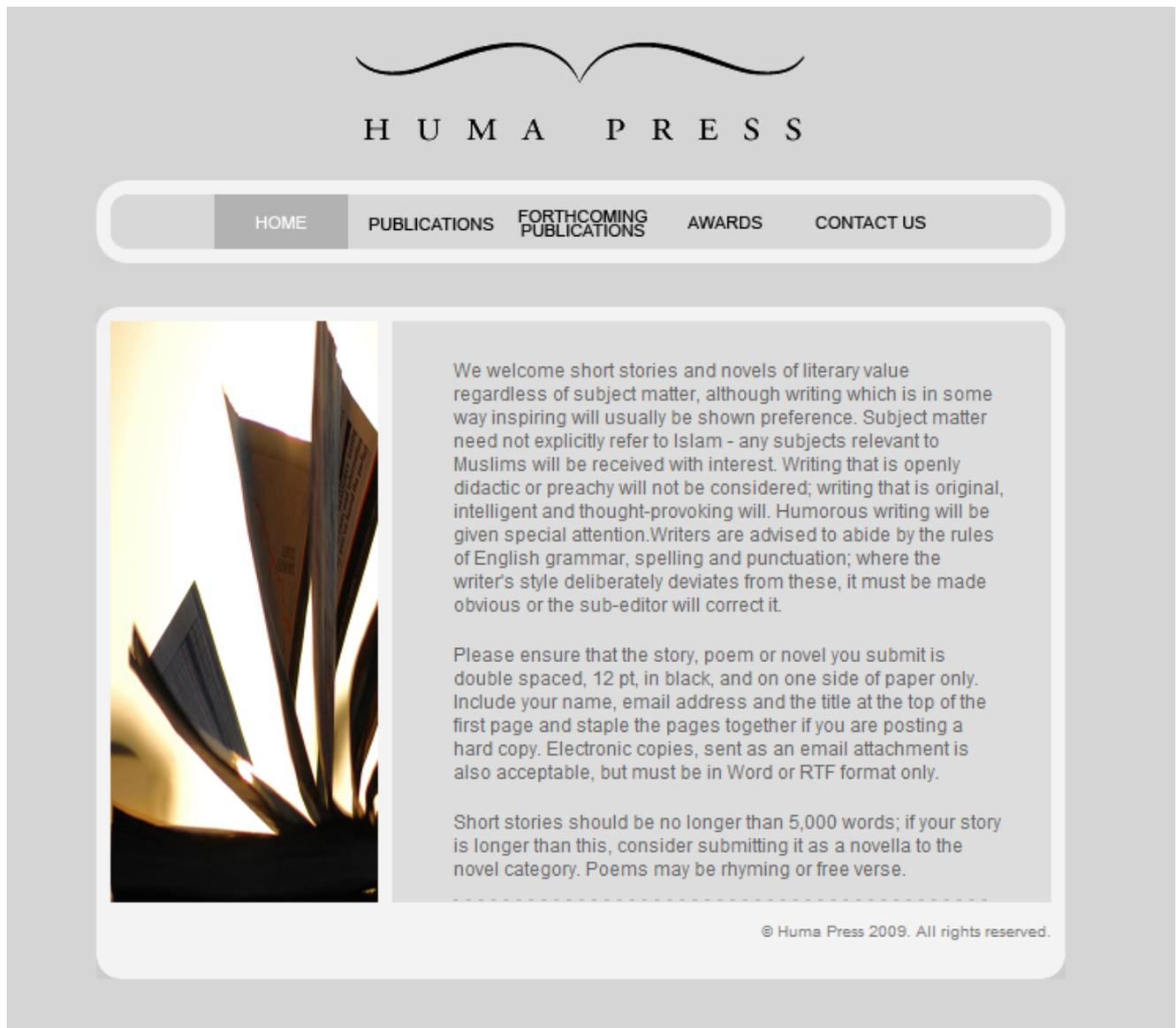
[Who is online](#)

In total there is **1** user online :: 0 registered, 0 hidden and 1 guest (based on users active over the past 5 minutes)

HUMA PRESS

Synopsis: To create a small static website using HTML, CSS and relevant imagery to display the small publication portfolio of the publication house and other relevant content.

Status: online at www.humapress.com



The screenshot displays the Huma Press website. At the top, there is a decorative flourish above the text "H U M A P R E S S". Below this is a navigation bar with five items: "HOME", "PUBLICATIONS", "FORTHCOMING PUBLICATIONS", "AWARDS", and "CONTACT US". The "HOME" item is highlighted. The main content area features a vertical image of an open book on the left. To the right of the image, there are three paragraphs of text providing submission guidelines. At the bottom right of the content area, there is a copyright notice: "© Huma Press 2009. All rights reserved."

H U M A P R E S S

HOME PUBLICATIONS FORTHCOMING PUBLICATIONS AWARDS CONTACT US

We welcome short stories and novels of literary value regardless of subject matter, although writing which is in some way inspiring will usually be shown preference. Subject matter need not explicitly refer to Islam - any subjects relevant to Muslims will be received with interest. Writing that is openly didactic or preachy will not be considered; writing that is original, intelligent and thought-provoking will. Humorous writing will be given special attention. Writers are advised to abide by the rules of English grammar, spelling and punctuation; where the writer's style deliberately deviates from these, it must be made obvious or the sub-editor will correct it.

Please ensure that the story, poem or novel you submit is double spaced, 12 pt, in black, and on one side of paper only. Include your name, email address and the title at the top of the first page and staple the pages together if you are posting a hard copy. Electronic copies, sent as an email attachment is also acceptable, but must be in Word or RTF format only.

Short stories should be no longer than 5,000 words; if your story is longer than this, consider submitting it as a novella to the novel category. Poems may be rhyming or free verse.

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H U M A P R E S S

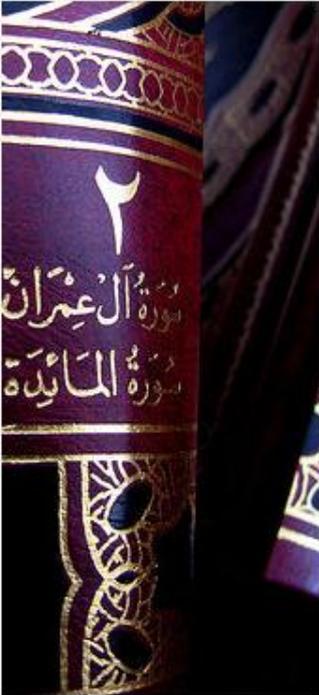
HOME

PUBLICATIONS

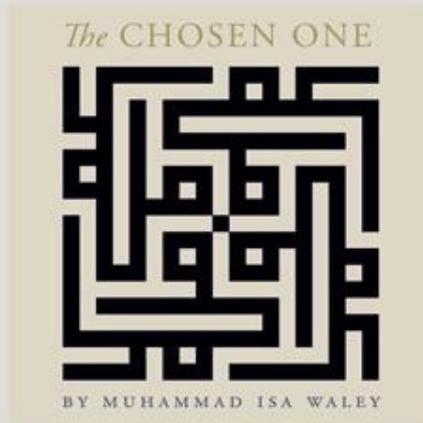
FORTHCOMING
PUBLICATIONS

AWARDS

CONTACT US



The Chosen One
Muhammad Isa Waley

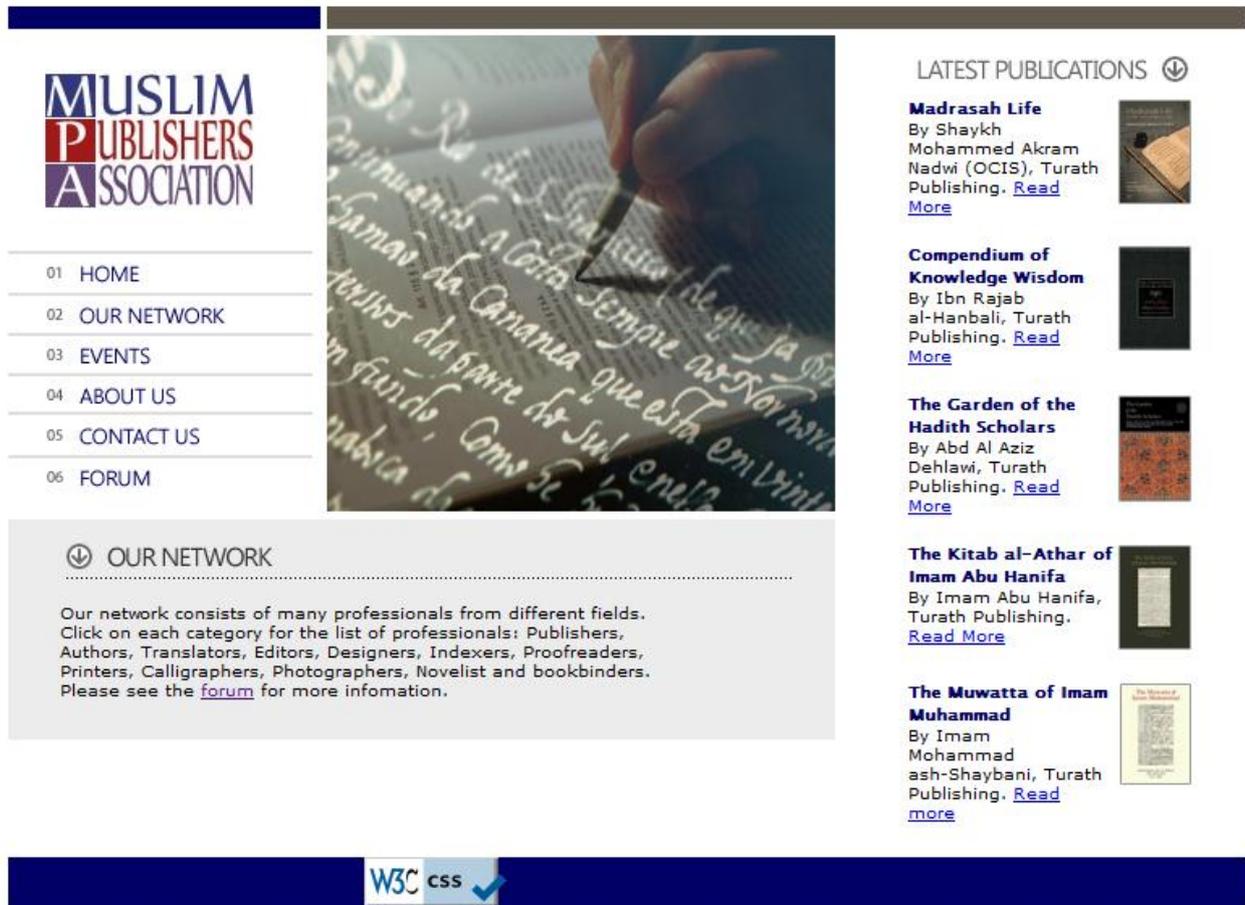


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MUSLIM PUBLISHERS ASSOCIATION

Synopsis: The aim was to create a professional looking website for Muslim publishers worldwide and allow them to collaborate effectively, for which reason a VBulletin forum was also added to the website.

Status: online at <http://www.mpa-org.com>



MUSLIM PUBLISHERS ASSOCIATION

- 01 HOME
- 02 OUR NETWORK
- 03 EVENTS
- 04 ABOUT US
- 05 CONTACT US
- 06 FORUM

OUR NETWORK

Our network consists of many professionals from different fields. Click on each category for the list of professionals: Publishers, Authors, Translators, Editors, Designers, Indexers, Proofreaders, Printers, Calligraphers, Photographers, Novelist and bookbinders. Please see the [forum](#) for more information.

LATEST PUBLICATIONS

- Madrasah Life**
By Shaykh Mohammed Akram Nadwi (OCIS), Turath Publishing. [Read More](#)
- Compendium of Knowledge Wisdom**
By Ibn Rajab al-Hanbali, Turath Publishing. [Read More](#)
- The Garden of the Hadith Scholars**
By Abd Al Aziz Dehlawi, Turath Publishing. [Read More](#)
- The Kitab al-Athar of Imam Abu Hanifa**
By Imam Abu Hanifa, Turath Publishing. [Read More](#)
- The Muwatta of Imam Muhammad**
By Imam Mohammad ash-Shaybani, Turath Publishing. [Read more](#)

W3C CSS



LATEST PUBLICATIONS

Madrasah Life

By Shaykh Mohammed Akram Nadwi (OCIS), Turath Publishing. [Read More](#)



Compendium of Knowledge Wisdom

By Ibn Rajab al-Hanbali, Turath Publishing. [Read More](#)



The Garden of the Hadith Scholars

By Abd Al Aziz Dehlawi, Turath Publishing. [Read More](#)



The Kitab al-Athar of Imam Abu Hanifa

By Imam Abu Hanifa, Turath Publishing. [Read More](#)



The Muwatta of Imam Muhammad

By Imam Mohammad ash-Shaybani, Turath Publishing. [Read more](#)



ABOUT US

The Muslim Publishing network was established in May 2008 with the purpose of improving the standard of Muslim Publishing Worldwide. We hope the network through this website will facilitate an exchange of ideas and experience. MPN is an independent non-profit making organisation. We welcome your comments and suggestions.



Forum

If this is your first visit, be sure to check out the [FAQ](#) by clicking the link above. You may have to [register](#) before you can post: click the register link above to proceed. To start viewing messages, select the forum that you want to visit from the selection below.

Muslim Publishers Association

Welcome to the Muslim Publishers Association.

Muslim Publishers Association	Last Post
Muslim Publishers Association	
Publishers (28 Viewing) Publishers Forum	Threads: 25,213 Posts: 130,292 Welcome to free mature black... by Evammakkapp Today 10:57 AM
Authors (1 Viewing) Authors	Threads: 2,787 Posts: 3,160 ecofriendly handbags 19675 by Nickrewstkgb Today 10:54 AM
Printers (1 Viewing) Printers	Threads: 2,560 Posts: 3,738 handbags 2010 17229 by Nickrewstkgb Today 10:55 AM
Publishers' forthcoming or ongoing works (this section is password protected) Publishers' forthcoming or ongoing works (this section is password protected)	Threads: 0 Posts: 0 Never
Editors (1 Viewing) Editors	Threads: 1,604 Posts: 1,893 Norvasc online without... by nextwave Today 05:28 AM
Translators Translators	Threads: 1,401 Posts: 1,559 Zithromax Generic UKI... by nextwave Today 05:39 AM
Artists and Illustrators (1 Viewing) Artists and Illustrators	Threads: 1,361 Posts: 2,170 Bdsm tube by hndmsharif1ha

OTHER WEBSITES

I have designed other websites which are now offline and unfortunately I don't have copies of them. This includes a website I designed for Vanilla Paris (a designer retail shop based on Kings Road in London); a zen-cart website for a furniture shop based in Tooting, London; a cookery website based on Wordpress CMS for my personal use; as well as a Joomla based website for a local weekend school advertising their courses.

MOBILE APPLICATION

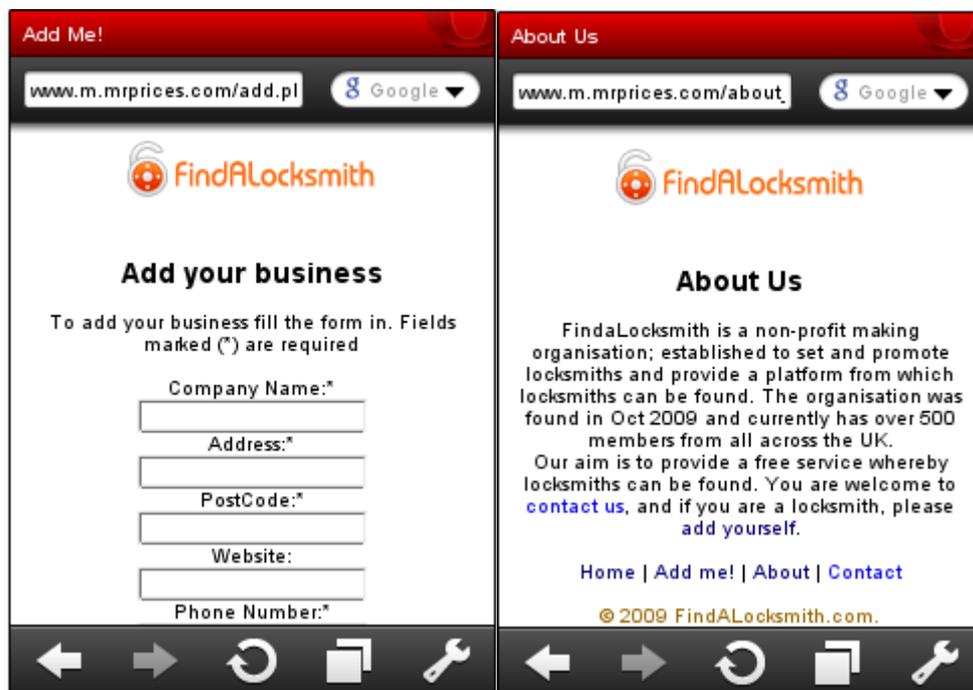
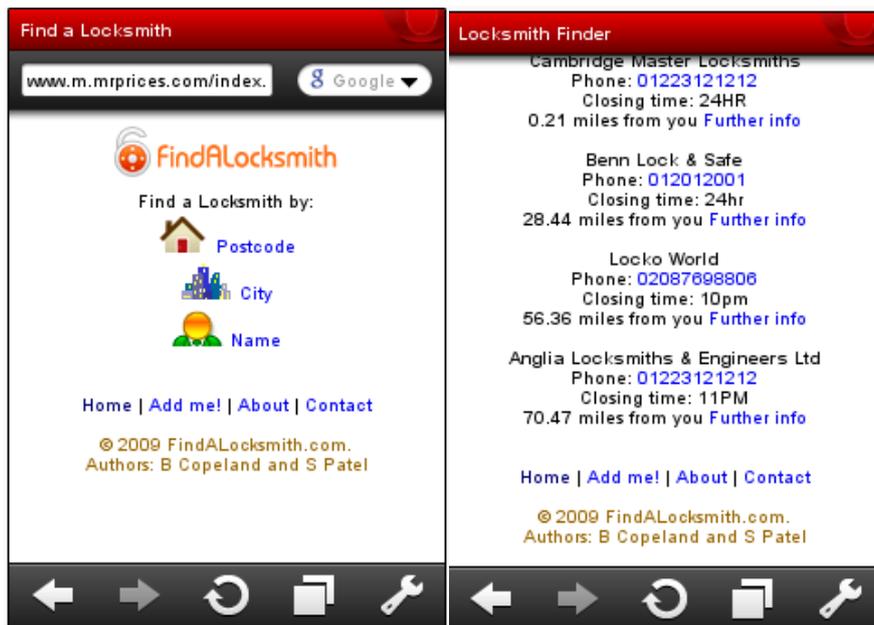
LOCKSMITH APPLICATION

Synopsis: To create a small simple mobile application aimed at users who have lost or misplaced their keys and require a locksmith. The main aim was to get these particular individuals to search the application and use the information to call locksmiths. As well as this, locksmiths should also be able to add themselves on to the database easily. The application should be professional looking yet simple and easy to use. It was designed using SQL, PHP and MP – XHTML and WALL/WURFL technologies.

Status: Currently offline

The following are image captures of when the application was tested on the following phones:





VISUAL APPLICATION

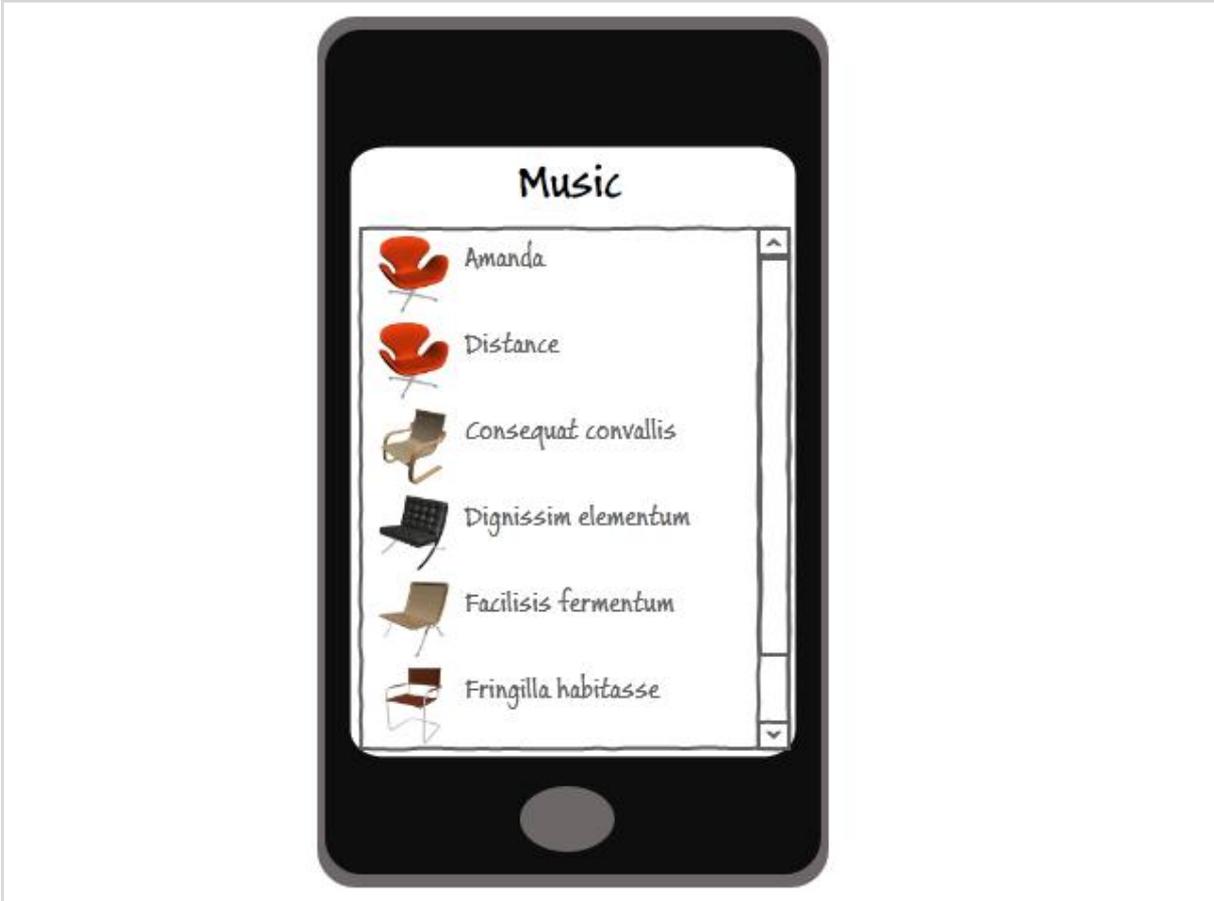
‘MYPLAYER’

Synopsis: The aim of this application was to create an interactive visual application of a newly designed MP3 (audio) and MP4 (video) player in Microsoft Expression Blend, that looks visually very similar to an iPad Touch. This device allows users to select and view a range of videos and listen to music and display relevant information about the audio or video. Alongside that, as MP4 players usually contain other features too; a calendar and a radio feature was also added. As touch screen based MP4 players are very popular and easy to use, this MP4 player is touch screen based, and a touch can be mimicked with a mouse in the application.

Status: Currently offline

PROTOTYPE



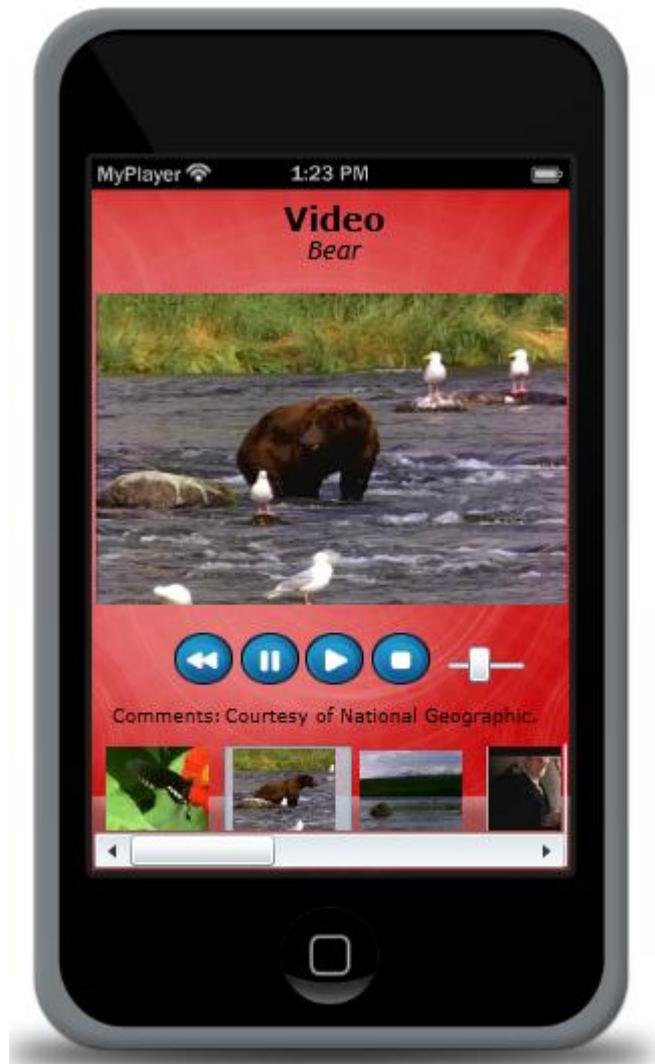




APPLICATION







POSTER

I have designed posters for various charity events and conferences. However, unfortunately I don't have copies of the posters in digital format.

ACADEMIC POSTER

Synopsis: Academic poster designed for the final year project on Morphological Image Processing of Corneal Endothelial Cells.

Status: Offline, used in print format for display at an academic event.

Morphological Image Processing of Corneal Endothelial Cell Images

Salma Patel (0606837), BSc (Hons) Computer Science & Internet Technology, 25th of March 2010



Fig. 1: Extract of original image



Fig. 2: Automated cropping



Fig. 3: Alternating Sequential Filter

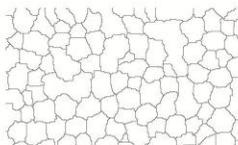


Fig. 4: Watershed Segmentation

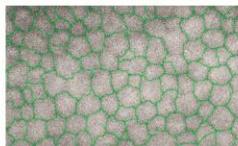


Fig. 5: Result superimposed on Original Image

Background

The corneal endothelial cells are responsible for maintaining the transparency of the cornea. The structure and function of the cells can be affected by aging, trauma, medication, contact lens wear and surgery, which can result in endothelial loss. When critical cell density is lost, corneal edema results, which leads to pain and poor vision and corneal transplantation as the treatment of choice [1]. Therefore, the quantification of changes in cell shape and size is of paramount importance to determine the health of the cornea and to evaluate the healing process after corneal transplantation [2].

Aim

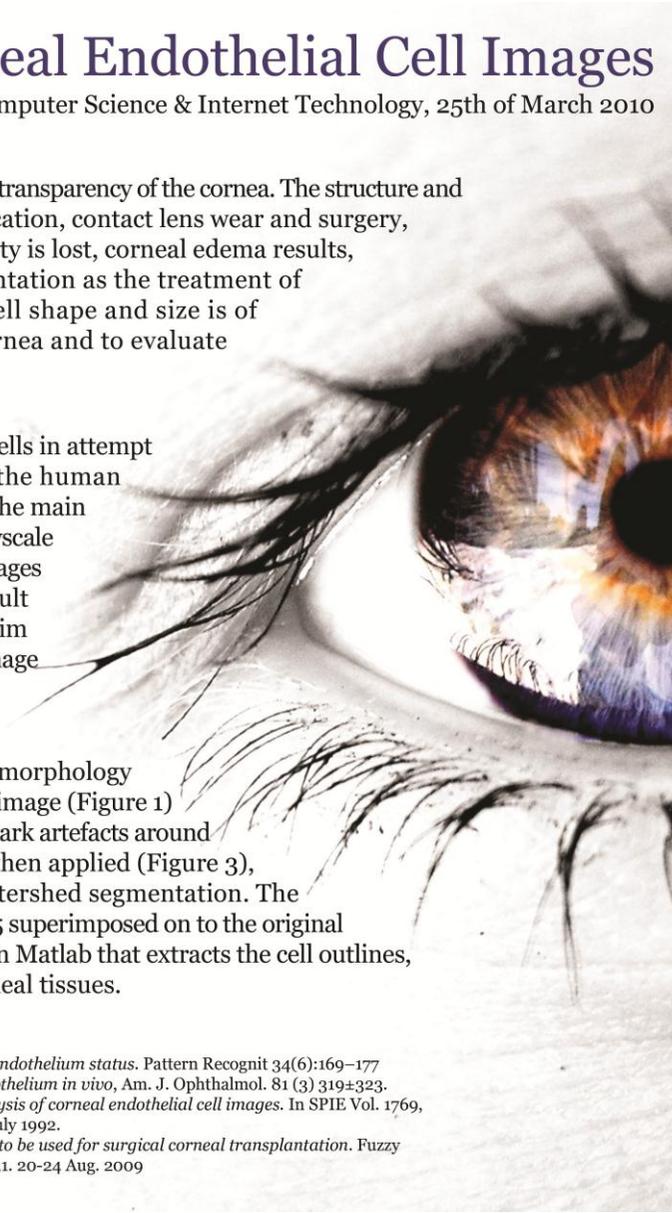
Research into effective segmentation of corneal endothelial cells in attempt to extract cell size and shape from photomicrographs of the human corneal endothelium has been ongoing since the 1980s [3]. The main problem has been the location of the cell boundaries in the grayscale image obtained from a photograph or digitized image as the images are often blurred and noisy, which makes it extremely difficult to correctly recognise the boundaries of the cells [4]. The aim of this project is to segment the cells successfully so that the image can be further analysed and quantified.

Result

After attempting various methods, the use of mathematical morphology to segment the image proved to be most successful. First the image (Figure 1) was cropped using an automated method, which removed the dark artefacts around the image (Figure 2). An Alternating Sequential Filter was then applied (Figure 3), and the image underwent grayscale reconstruction and watershed segmentation. The result of this segmentation is shown in Figure 4, and in Figure 5 superimposed on to the original corneal tissue. This method allowed one to create a program in Matlab that extracts the cell outlines, which is the first step towards the automatic analysis of corneal tissues.

References:

- [1] Ayala G, Di'az ME, Marti'nez-Costa L., 2001. *Granulometric moments and corneal endothelium status*. Pattern Recognit 34(6):169-177
- [2] Bourne, W.M. and Kaufman, H.E., 1976. *Specular microscopy of human corneal endothelium in vivo*, Am. J. Ophthalmol. 81 (3) 319-323.
- [3] Vincent, L and Masters. B., 1992. *Morphological image processing and network analysis of corneal endothelial cell images*. In SPIE Vol. 1769, Image Algebra and Morphological Image Processing III, pages 212-226, San Diego, CA, July 1992.
- [4] Tinena et al., 2009. *On quality assessment of corneal endothelium and its possibility to be used for surgical corneal transplantation*. Fuzzy Systems, 2009. FUZZ-IEEE 2009. IEEE International Conference on Page(s): 1326 - 1331. 20-24 Aug. 2009



HTML NEWSLETTER

CENTQUIZ LAUNCH NEWSLETTER

Synopsis: CentQuiz launch newsletter designed using HTML.

Status: Sent to various mailing lists



WHAT IS CENTQUIZ?

CentQuiz.com is an educational, charitable website that aims to promote the learning of Islam and raise money for our affiliate charities (Islamic Relief, Muslim Aid and Ummah Welfare Trust). Play our quiz and for every correct answer, we donate one cent to charity. You can choose how the money you raise is spent: emergency relief work (such as for the current flood victims in Pakistan); sponsor an orphan; education; medication; or water projects. CentQuiz.com pays for these donations with the money it generates through advertising. As CentQuiz.com is a not-for-profit organisation, all money generated goes to charity. So whether it's raising money for charity through playing a [fun quiz](#), [promoting us](#) or [advertising on our site](#), please support **CentQuiz.com** because "it makes cents."

Our Affiliate Charities:



[Play CentQuiz Now!](#)

[Advertise with us](#)

[Read our blog](#)

BROCHURE

DESIGN BASE LIGHTING BROCHURE

Synopsis: A lighting brochure (for print) designed for Design Base UK, a furniture shop in Tooting, London.

Status: Used for both print and online, distributed in South London in 2008.

Please refer to next page for a copy of the brochure.

Holding page

Holding page

PROTOTYPE & USABILITY DESIGN

Usability and prototype design was considered in all applications and websites I designed. However, for one website, centquiz.com, I was only involved in the prototype and usability design.

CENTQUIZ.COM

Synopsis: CentQuiz.com is an educational, charitable website that aims to promote the learning of Islam and raise money for our affiliate charities. Play our quiz and for every correct answer, we donate one cent to charity. You can choose how the money you raise is spent: emergency relief work; sponsor an orphan; education; medication; or water projects. CentQuiz.com pays for these donations with the money it generates through advertising. As CentQuiz.com is a not-for-profit organisation, all money generated goes to charity.

Status: Online at www.centquiz.com

The screenshot shows the CentQuiz.com website interface. At the top, there is a green navigation bar with links: Home, Report, Promote, Our Charities, Blog, Advertise, FAQ, About, and Contact. On the right side of the navigation bar, there is a 'JOIN OUR MAILINGLIST' section with a text input field 'Type Your Email Here', radio buttons for 'Subscribe' and 'Unsubscribe', and a 'SUBMIT' button. The main content area features the CentQuiz logo with the tagline 'IT MAKES CENTS'. Below the logo is a black banner with the text 'WELCOME TO CENTQuiz.COM, WHERE FOR EVERY QUESTION YOU ANSWER CORRECTLY, WE DONATE 1 CENT TO CHARITY' and a 'START THE QUICK TUTORIAL' button. The interface is divided into three columns. The left column is titled 'CHOOSE DONATION TARGET' and contains five green buttons: 'EMERGENCY RELIEF', 'SPONSOR AN ORPHAN', 'EDUCATION', 'MEDICATION', and 'WATER PROJECTS'. Below these buttons is a link 'more info on donation targets'. The middle column is titled 'PLAY THE QUIZ' and contains the text 'Please select an area of donation to start taking the quiz'. The right column is titled 'TOTAL DONATIONS TO DATE' and features a stack of gold coins, the number '15370', a small coin icon, and a link '(Read Full Report)'. Below this is a green button 'Highest Donation: 600s' and the text 'WHO YOUR DONATIONS GO TO?'. At the bottom of the page, there is a section titled 'PARTICIPATING ORGANISATIONS'.

JOIN OUR MAILINGLIST

Type Your Email Here

Subscribe Unsubscribe

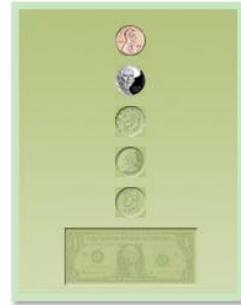
SUBMIT

Correct :)

the correct answer is **Maryam**

The Italian word 'Mafia' is derived from which Arabic word?

- Ma fiha
- Mahiyah
- Maffi'ah
- Ma fi 'aa



You Have Donated

7¢

Sponsor a banner here
*with a verse of the Qur'an, Hadith or Thought for the Day
and see your rewards multiply*

THESE ADS PAY
FOR YOUR DONATION

BANNERS

There are various banners I have designed, which are online at www.centquiz.com and other websites.



Advertise your business here today

and see your rewards multiply!

