



## FIT5032 Design Report (assignment 1)

Quotees T-Shirt Store  
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## 1. Overview

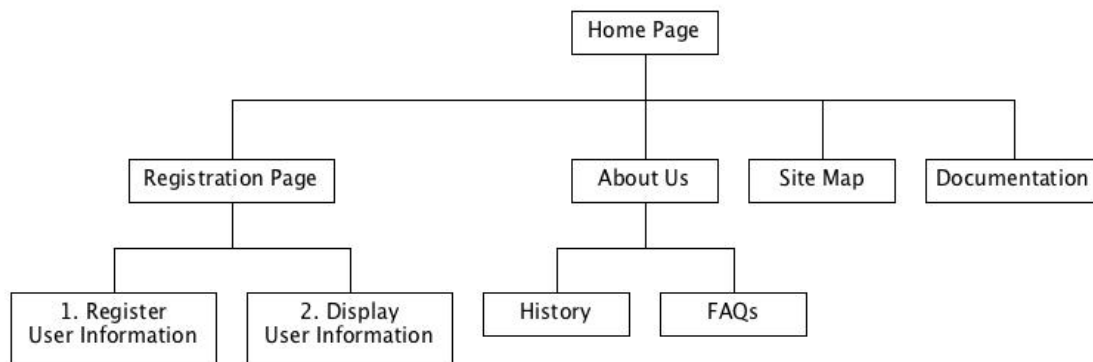
The purpose of this website is to provide information for a Melbourne-based t-shirt design company, Quotees. Quotees provides custom printed t-shirts with a variety of pop-culture inspired designs.

The website will initially provide a small number of pages such as a registration page, about us pages, and a site map, but will evolve to incorporate more functionality in the future.

The registration page allows for users to enter information into a form. The form validates the information and displays it back to the user if all its fields are valid.

## 2. Functional diagram

Pictured below is the functional diagram for the Quotees website. It contains all its pages and highlights the functionality within each page. Because this is only a preliminary design, only the registration page contains any functions.



## 3. Core program functionality

The core program functionality is to provide information about Quotees to the public. As of now, the majority of the pages do not provide functions, but more functionality will be added in the future.

The master page contains most of the design to make sure that all the pages have the same look and feel. All the other pages are situated within the content panel of the master page.

The Registration page uses ASP.NET controls to gather information about the user; however, it currently does not submit this information to a database. It also uses a number of validation controls to ensure proper input from the user. Once validated, the page will display this information back to the user.

The Site Map makes use of a TreeView control and a web.sitemap file to display to the user an overview of the website. It shows a hierarchical view of all the website's pages.

#### 4. Usability Design Review

**Navigation:** The Quotees website allows for easy navigation with use of an ASP menu control. All links are situated in the menu. The menu is clearly identifiable and includes hover-highlighting to ensure the user is able to navigate to their desired page.

**Familiarity:** The website employs a familiar design with a header, sidebar, content panel, and footer. This allows users to easily become accustomed to the page, as it resembles the look and feel of many other pages on the Internet, which aids in navigation.

**Consistency:** The website makes use of a Master Page to ensure that the overall theme is kept consistent with only the content changing.

**Error Prevention:** The registration page uses various ASP validation controls to ensure that the data that users have entered comply with the specifications. Although this information isn't currently being processed into a database, it will allow for easy implementation further down the path.

**Feedback:** Users are provided with error messages if the data they have submitted in the registration form is invalid.

**Visual Clarity:** The website uses CSS to style itself in a way that allows users to easily see its elements. The page isn't cluttered with unnecessary information or other content to ensure a pleasant experience for the user. It uses monochromatic colours to ensure that the site is easy on the eyes.

**Flexibility and Efficiency:** As this application is more focused on the user experience, there has been little focus on its flexibility and efficiency. This, however, can be improved upon in future iterations.

## 5. Checklist of site functionality

<b>1. (Master Page)</b>	
Design	✓
Skin	✓
Stylesheet	✓
Breadcrumbs	✓
Calendar Design	✓
Fly Out Menu	✓
<b>2. (Home page)</b>	
Design and content	✓
AdRotator Control	✓
<b>3. (Registration)</b>	
Web form and validation controls	✓
Formatted data entry display	✓
Overall page design	✓
<b>4. (About Us)</b>	
About Us	✓
Our History	✓
Frequently Asked Questions	✓
<b>5. (Site Map)</b>	
Displays correctly	✓
Overall page design	✓
<b>6. (Documentation)</b>	
Author/assignment details	✓
<b>Audit</b>	
No breaking of copyright	✓

## 6. User stories

As a/an	I want to...	So that...
<b>Customer</b>	Get information about the website	I can learn more about its background and history
<b>Customer</b>	See what people have asked	I can get answers quickly
<b>Customer</b>	See an overview of the entire website	I can pinpoint which page I wish to visit
<b>Customer</b>	Register my details	Sign up for the newsletter
<b>Customer</b>	Contact the webmaster	Ask them a question
<b>Customer</b>	See what day it is	I can know if I should place an order
<b>Customer</b>	See images of the product	Make a buying decision
<b>Administrator</b>	Get data from the customers	I can generate a customer database
<b>Administrator</b>	Display information about my business	Increase my customer base

## 7. Data dictionary

Name	Type	Description
N/A	asp:Content	Content tags for the ContentPlaceHolder
Ads.xml	XML	Contains advertisement information for the AdRotator
adRotator1	asp:AdRotator	AdRotator control
N/A	asp:Hyperlink	Hyperlink control
SkinFile	Skin	Skin for ASP controls
N/A	asp:Menu	Menu control containing links for the website
siteMapDataSource1	asp:SiteMapDataSource	Contains site map data source
calendar	asp:Calendar	Calendar control
siteMapPath1	asp:SiteMapPath	Breadcrumbs
ContentPlaceHolder1	asp:ContentPlaceHolder	Content Place Holder control
firstNameBox	asp:TextBox	Text box for first name
lastNameBox	asp:TextBox	Text box for last name
emailBox1	asp:TextBox	Text box for email
emailBox2	asp:TextBox	Text box for email comparison
ageBox	asp:TextBox	Text box for age
genderList	asp:RadioButtonList	RBL for gender
stateList	asp:DropDownList	DDL for states
hearList	asp:ListBox	LB for source information
subscribeCheckBox	asp:CheckBox	Check box for subscription
submitButton	asp:Button	Submit button
N/A	asp:RequiredFieldValidator	RFV for all the text boxes
firstNameValidator	asp:CustomValidator	Validates that first name is at least 2 characters
lastValidator	asp:CustomValidator	Validates that the last name is at least 2 characters
N/A	asp:RegularExpressionValidator	Regex validator for email
N/A	asp:CompareValidator	Compare validator for email
N/A	asp:RangeValidator	Range validator for age
Various Labels	asp:Label	Labels in the panel to display back to the user
userInformation	asp:Panel	Displays information to the user once validated
N/A	asp:TreeView	TreeView control for sitemap
Web.sitemap	sitemap	Site map file