

# **Love Alba: An online wedding planner**

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## Abstract

The dissertation describes the accomplishment of a web development project for a commercial organisation operating in the tourism sector, Trossachs.co.uk. The company are expanding into a new area, on-line wedding planning, and have decided that their current site does not suit this purpose. Trossachs.co.uk is already quite a cluttered site and a lot of different functionalities and information categories are possible when it comes to wedding planning. A new site named Love Alba is to be developed and is intended to be a one stop on-line wedding planning service. As a whole, Love Alba will be a large development project and this dissertation will only focus on the implementation of the venue search.

The project set out to achieve the core functionalities for three different interfaces developed for three different kinds of user. The users were admin for the site (Trossachs.co.uk), the subscribers (their customers who pay to advertise their venue on the site) and the general public user who may use the site to search for a venue. Admin required the essential create, retrieve, update and delete functions. They also needed to be able to approve subscriber input. The subscriber required a registration process and a way to login to an account page where they could view and alter their details. They also required a way to suggest new attributes for the search categories where the forms did not provide a suitable option for their venue. The general public user required a search function to view the venues.

The project will only form the beginnings of Love Alba and it was necessary to take a prototyping approach to allow the company to continually add new components to the site. An object orientated approach was taken to the design and programming, allowing particular entities to be focused on (in this case, venues) without having an impact on the functionality of other entities (wedding suppliers will be added in future development). The project focuses more on the backend of the site and the graphic design will be taken on by the client upon completion of the project. The popular MVC pattern was utilised to separate out the logic of the underlying system from the GUI.

The core functionalities have been implemented but there are areas that need revisiting. What has essentially been achieved is a working prototype that can now be further developed by Trossachs.co.uk.