Classic Cars Mobile Application

Abstract

The aim of this project is to build a professional mobile application. The application will have to provide interactive engagement with its users. The audience for this particular application will be people with an interest in classic and vintage cars and the application will provide them with information about restoring classic cars and also provide them sales and general information.

Project Description

The technology used in this application are HTML, CSS, Javascript, XML, Json and Jquery for mobile. The application includes headers, footers, navigation bars and buttons. The application will also include a Json feed for You tube videos which will be displayed in a grid format on a video page. There will also be a photo page that will include a Json feed from Flickr. A google map will also be included that gives exact directions from any location to the garage.

Design

The main things that are important when designing this application are that it is aesthetically appealing and that it is responsive so that the user can navigate pages and different functions quickly. The screen can also be rotated in mobile device so when designing the application this has to be taken into account another thing that has to be taken into account is that you would have limited CPU and memory resources in a mobile device compared to a more powerful desktop/laptop.

Home page

The home page consists of a background of classic cars which are in a grid format and there are multi coloured. The garages logo is on the top of the page and it is a dark green underneath this are the navigation bars which are light green and when pressed take you to the other pages.

Blog Page

The blog page consists of a blog which gives lots of information about classic and vintage cars there is an icon in the top left of the screen that brings you back to the home page. There is a footer at the bottom of the page which can bring you to any of the pages in the application. The colour of the background is white and the header at the top of the page is dark green while the name of the page is white in colour. The footer at the bottom of the page is dark green also with the names of each page in white. The text in the middle of the page is green and the headers for each article are in red.
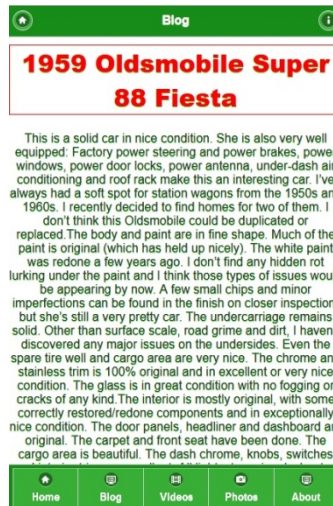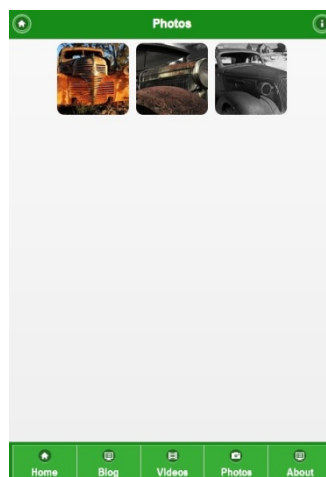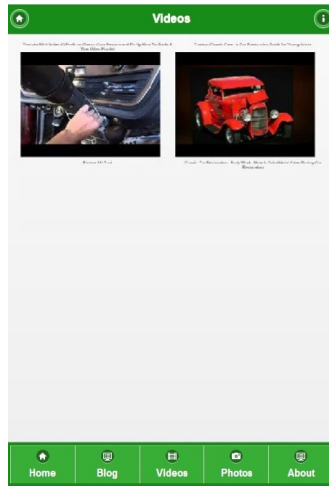

Photo Page

The photo page consists of a couple of pictures of classic cars that have been restored. These pictures are enlarged when they are clicked. The colours of the page, header and footer are the same as the blog page except when the picture is clicked and the picture enlarges the background turns black. There is an icon in the top left of the page that brings you to the home page and an icon in the top right of the screen that gives you information about the page.

Video Page

The video page has the same styling as the blog and photo page the background footers and headers are the same colour. It consists of YouTube videos which are in a grid format. When the one of the videos are clicked on a video is played on the full screen.

About Page

The about page has the same styling as the blog page it gives details about the garage its location and opening hours. There is also a Google Map on this page that gives you directions from anywhere in the country to the garage.

Cars Page

The car page has the same styling as the previous pages this page consists of some muscle classic cars and has a picture and a description of each one.
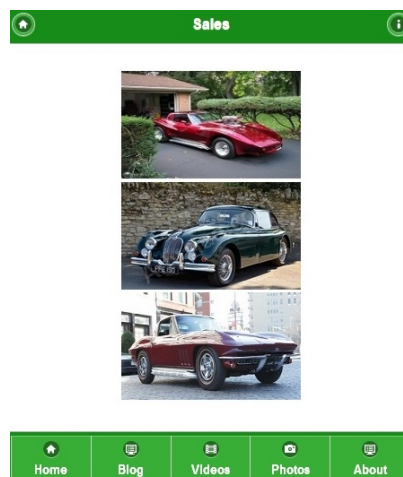
Restore Page

The restore page has the same styling as the previous page with information on vehicles that were restored and some pictures of the vehicles.

Sales Page

The sales page has the same styling again as the previous page and it also contains pictures of the cars that the garage is selling.

Contact Page

The contact page also has the same styling as the previous pages and the user can enter his or her details and add some comments they want the owners to see. There is also an email feature provided to make contact directly.

Conclusion

There are things you have to take in to consideration when building a mobile application like the size of the screen and the fact that the screen can be rotated. The browser capability is not as powerful in a mobile device and also the CPU is not as powerful. In doing this project I learned a lot of things about building mobile applications and these will be handy skills for the future because this applications are growing in popularity all the time and with mobile devices becoming more powerful the need for mobile applications are increasing.