

An Activity Schedule Application

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Abstract

Nowadays, people are more like schedule an activity or event through the internet. They may use Facebook Event, Tripadvisor, Google Map or even a Weichat chatroom. For the most of them, they can provide some pieces of functions, like send the invite, find the activity location, check the rate of a restaurant or store, and start a chatroom to discuss the details of schedule. But they cannot provide a integration of all the function.

The start point for my application is to integrate functions which is necessary, such as set the meeting time, set the particular location, check the surround information. The more functions the application can provide, the easier user can use from only single one application. Also some of the website can only offer an online web page to use, a mobile based application is a good way to take all the functions which may needed, so the user can use them directly from their mobile phone.

For the above reasons, the PhoneGap framework is a suitable choice for the target. It can convert the HTML pages into a mobile application, which will also be suitable for the website. It also need the JQuery Mobile framework. It can provide the basic interface of the mobile phone's platform to the JavaScript used in the HTML. At last, the CSS will enhance the user experience by setting the details of each HTML page.

The final workout was provided by both appstore (ios platform) and Google Play Store(Android platform), at the same time, the mobile webpages was hosted on university's server. The code can cover most of the functions user require, but it still need a future development of more functions and details improvements.