**Turas Derelict Site**

**About the Application:**

**This application is a web map application that is designed using php and Mysql .In the front end we have used Html, CSS, Javascript and Back End we have Mysql. The application makes use of Google maps API to display maps. We have made use of fusion tables to store the shape files data that needs to be displayed on the map. Shape files get converted into fusion tables and then they are projected on the map.**

**We have markers placed on the map on the initial loading of the map and once we click or place mouse, on these markers we get an information window opened. On the window we have buttons which navigate us to different web pages .For the half circle buttons which are official sites we can navigate to the web page by clicking on the buttons on the information window and the web page displays all the information about the concerned location. The information displayed are Discover, share and connect. Connects helps user to connect with subscribers .Share to share photos, files and videos.**

**We can even see the twitter feed and face book feed displayed at the end of initial page loading.**

**Architecture of the application:**

**The web based application makes use of three tier application .The front end tier which contains static and dynamic content.** **A front-end**[**web server**](http://en.wikipedia.org/wiki/Web_server)**serving static content, and potentially some**[**cached**](http://en.wikipedia.org/wiki/Web_cache)**dynamic content. In web based application, Front End is the content rendered by the browser. The content may be static or generated dynamically. .Static content comes from the JavaScript, html and css whereas the dynamic content comes through Php on the initial page loading and are stored in JavaScript variables (arrays).** **Application is created in a browser-supported**[**programming language**](http://en.wikipedia.org/wiki/Programming_language)**(such as the combination of**[**JavaScript**](http://en.wikipedia.org/wiki/JavaScript)**,**[**HTML**](http://en.wikipedia.org/wiki/HTML)**and**[**CSS**](http://en.wikipedia.org/wiki/CSS)**) and relies on a web browser to render the application.**

**The middle tier engine is the php which contains all the logic related to the business.** **The web browser sends requests to the middle tier, which services them by making queries and updates against the database and generates a user interface.**

**The back end is the mysql running on the Linux server which even hosts the web application.**