National College of Ireland

MSc in Web Technologies

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**Deployment- Travel Web**

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**Project Overview**

The idea for this Application was undertaken while doing a Masters in Web Technologies. The main aim to create this website is to provide a place for travel lovers to find all the required information for the places they are looking for. The intention was to create such website using different APIs and then deploy the application on two different clouds.

**Development Environment, language and PaaS providers**

The aim of the project is to use ruby language with Rails framework with Ubuntu as developing environment. The ruby version is 1.9 and rails 3.2.8. We were supposed to deploy this application on two PaaS clouds. I have deployed my application on Heroku and Engine Yard.

**Design**

The application has login functionality. The user has to make a signup and then make a login in order to have access of the contents of the website. For this I have made two controllers dashboard and home. Initially user can see home page and then after login he can be redirected to desire page. The next functionality I have added for user is to have an image attachment for places. This will allow a user to share the information about any place they have been to and then add an image with that.

I have added two APIs in my application. The first API is Tweeter API; this API will bring the latest tweets that I have added on my twitter account gauravncirl. It will save the latest tweets in my database when the user logins and then will display it on dashboard page.

The next API I have used is Flickr, this API will bring the images of different places that I have added on my Flickr account. This way I can share the information about any place in terms of Photos with the user of this application.

**Conclusion**

The application created is a part of the module in my master degree. The aim is to have a website where the travel lovers can go and find the information on different places they want to go. It is supposed to build a website with different API and deployed on two PaaS providers. It was a good way of learning how to deploy a website on cloud. Although it was not easy to deploy a rails application on two clouds at one time, as the requirement of each cloud is different and sometimes requirement of one cloud does not support the other. However I was able to deploy my application on two clouds Heroku and Engine Yard.