**Intelligent Tourist Information System**

Most of us have a small computing device that is always with us. As mobile devices decreases in size, weight, and price and increase in power, storage, connectivity, and positioning capabilities, tourists will increasingly use them as electronic personal tour guides and planners.

However, despite of the advances in mobile technology, we still have to know the places we want to visit and these devices do not store any usable, valuable information about the points of interest except phone numbers and addresses.

Also tourism is experiencing the information overload trend and there is an increasing number of tourism portals and use of social media like Twitter and Facebook. All these provide diverse information on various objects.

The main aim of this idea is to design and develop an application that will be helpful when visiting some new places and towns in Kenya. These system should be able to mine data from Twitter about the various attraction sites in Kenya and aggregates them based on location, wild animals found, attractions, activities, hotels & restaurants. After filtering information and coming up with these insights, the system can offer helpful, relevant, interesting and completely new suggestions on the places to visit with alternatives.

Unlike the traditional travel information search where querying family and friends or consulting a travel agent is dominant, the system will collect information and present it in a manner that is appropriate and natural to support tourism decision – making throughout various stages.

Besides providing context – aware information, the system will also use dynamic maps. GIS will be used to offer information in a location – aware way. Using this technology, the system can deliver suggestions on user’s location, location of objects, available transportation, weather of the sites to visit and route description.

This system will enable tourists to understand and evaluate aspects of the travel. This in turn will facilitate in the planning of their tour without the need of travel agents thus taking the tour experience to a higher new level.