**Design Document**

1. Team Name: Crystal Gems
2. App Name: A Different World
3. Users: People interested in African culture,, people who travel to Africa, Africans looking to inform the public about their cultural background
4. Target Issue: Cultural Ignorance
   1. There are cultural stereotypes about the continent of Africa that belittles the cultural significance of each particular country
5. Provide information for most countries and customs; the user is provided a map of Africa where people can learn about the different countries in Africa; as a guide and interactive journal
   1. ndb: Birthday, Password, Contact, Username
   2. HomePageHandler, PostHandler, MapHandler, PictureHandler, SingleUserHandler
      1. Pop-up Information about countries
6. Datastore models:
   1. Username and Password (AppEngine property)
   2. User posts/comments (StringProperty, max 200 characters, text area 6 x 60)
   3. Pictures and videos
   4. Personal Information (E-mail, Phone #, Birthday, etc.)
   5. Steps
      1. Research
         1. A few specific countries in Africa first
         2. population , GDP, capitals
         3. South Africa, Nigeria
      2. Working on various templates for the pages (HTML, CSS, Bootstrap)
         1. Build a model
         2. Draw what the page would look like
         3. Build HTML based on the illustration
         4. Build CSS
         5. HomePageHandler, PostHandler, MapHandler, PictureHandler, SingleUserHandler
         6. Add API and AppEngine for Datastore Models
   6. The first thing we would need to do is to click on the information to get the information

Second, user provides information to give other users information

* 1. Building the user interface is a major milestone so we can create an aesthetic webpage where users can input information.

1. Daijon: HTML and CSS, web page layout and aesthetics

Bola: Research and Bootstrap

Noah: AppEngine and API

INFORMATION

Nigeria

* Capital: Abuja
* Population: 188.5 million
* Currency: Naira
* Major Languages: Hausa, Igbo, Yoruba and English
* Nigeria is a very diverse country with over 1000 ethnic groups
* Government: Federal Republic
* Africa’s Most Populous Country
* Oil is the backbone of the economy ; largest producers of crude oil
* Major Religions: Christianity and Islam

South Africa

* Capital: Pretoria
* Population : 56 million
* Currency: Rand
* Major Languages : English, Ndebele, Northern Sotho, Sotho, Afrikaans, Tswana, Vendam Swazi
* 80 percent of the people in South Africa identify as black 20 percent of the population is from European descent and or Caucasian
* Government is a Parliamentary Republic
* Major religion: Christianity small percentages of Islam, Hinduism, and Judaism