**WRITE UP**

**Course-end Project 2**

**Deploying Azure protected Geo-Redundant Solution having path based routing.**

**Description**

The Tyrell Crop wants to build a highly secured Globally distributed application. This application serves two types of content: images and dynamically rendered webpages. As their user base comes from across the globe this must be geographically redundant. The design demands that it should serve its users from the closest (lowest latency) location to them. For distinction, Tyrell Crop has decided that any URLs that match the pattern /images/\* are served from a dedicated pool of VMs that are different from the rest of the web farm.

Design the Load Balancing architecture for Tyrell Crop.

For this sample do it in East US region, then you can select any other region and add those Application gateways on created Traffic manager.

**Tools Required**: virtual Machines, Virtual Networks, Load Balancer, Application Gateway, App services, Traffic Manager

Steps to Implement the Solution

Step 1: create resource group in East US & Central India

Step 1: create Virtual Networks

Step 2: Create Virtual Machine as Image server & Video server in both regions

Step 3: Create Application Gateway

Step 4: Provision Load balaancer

Step 5: Create Traffic Manager

Step 6: Add application gateways to the Traffic Manager endpoint