**Project Submission Instructions**

Read the recommendation section below for combining multiple tasks into a single video. Once all steps/questions have been recorded successfully, upload all videos on YouTube. For grading purposes, only copy YouTube link underneath each question and upload this document on Canvas. **Please do not upload video files on Canvas.**

**Recommendation**

**Use following recommendations for recording multiple questions in a single video.**

Video 1: Question 1, 1 a, 1 b, and 1 d

Video 2: Question 1 c, 1 e, 1 f, and 1 g

Video 3: Question 2 a and 2 b

Video 4: Question 3

Video 5: Question 4

**Project Due Date**

**Thursday, December 6th, 2018 at 11:59 PM**

**Total Possible Points: 100**

**Final Project Description**

1. Install two separate domain controllers (e.g., a primary domain controller and a secondary domain controller). Create a root domain name “finalproject”. [15]
   1. Primary Domain Controller name should be “primary”. [5]
   2. Secondary Domain Controller name should be “secondary”. [5]
   3. Primary and secondary domain controllers must replicate all changes. [10]
   4. DNS server must be installed on both primary and secondary domain controllers. [5]
   5. Join at-least one client machine to either primary or secondary domain controller. [10]
   6. Make the primary domain controller unavailable (power off the domain controller). Create a new user account in secondary domain controller to force the client machine to authenticate the user account via the secondary domain controller. [10]
   7. Make the secondary domain controller unavailable (power off the domain controller). Create a new user account in primary domain controller to force the client machine to authenticate the user account via the primary domain controller. [10]
2. Create two user accounts in Active Directory. [10]
   1. Create a standard user account to perform daily task.
   2. Create an administrative account to perform privileged tasks such as installing and uninstalling an application on the client machine.
3. Create a share folder on a domain controller. [10]
   1. Share a folder with a standard user account. Assign read and write file permissions to the share folder. The user can read and write on the share folder but cannot take ownership of other user’s folders and files and cannot delete files and folders created by other users.
4. Create two Group Policy Objects, one for controlling user account configurations and second policy is for controlling client machine settings. The client machine GPO must have higher priority than user account GPO. [10]