**Project Proposal**

**Project Ethos**

**3/15/2020**

Anthony Ramos

Miguel Acuna

Philip DaCosta

Gustavo Pinedo

**Roles and Responsibilities**

**Team ISEC**

|  |  |
| --- | --- |
| **Team Members** | **Role** |
| Anthony Ramos | Project Lead |
| Gustavo Pinedo | QA Tester |
| Miguel Acuna | Director of IT infrastructure |
| Philip DaCosta | Application Developer Manager |

**Proposal**

ACME Systems Inc. is one of the largest logistics and transportation companies with over 25,000 employees across North America. Beginning in 2015, ACME Systems Inc. started acquiring small and medium-sized logistics and transportations competitors at a rapid pace in order to acquire market share. With time, ACME Systems Inc. has begun to integrate these systems into the organization. However, over time, the company has been unable to completely and accurately perform User Access Controls due to the volume of issues related to the IT systems that do not communicate with Active Directory. In order to reduce time spent managing new and terminated employees, ACME Systems Inc. Wants to develop a User Management System that will integrate with Active Directory and other systems that do not use AD to manage new and existing users and assigning the appropriate user access to all systems in the organization that they require. Also, when an employee is terminated, the system will remove all their access to all systems, including AD. The system should contain the following features and requirements:

* Manage Users
  + Add users - The ability to add new user accounts
  + Remove and Terminate users - The ability to terminate users
  + Suspend users - Suspend user accounts
  + Assigning groups - Assign groups to the user accounts
* Manage Access
  + Build groups based on access needs and the systems that the user requires to access
* System Interface UI
* Reporting & Audit Controls
  + System User Licenses Control
  + Employee Management Control
  + Success & Failure Logs
  + User Access Logs
  + Audit Reports

Project Ethos will be designed as a middleware application system to integrate various legacy and compatible systems (e.g., Active Directory). This will allow ACME Systems Inc.to centralize and effectively manage users’ access for all systems, which will give IT and Information Security the ability to manage access controls within a centralized application to alleviate process issues and streamline the access control process. This centralized process should give assurance that users are assigned the right access, and terminated employees are removed from the system timely and completely. Ultimately, the application will be built as a standalone application with a GUI. A simple streamlined application will allow for ease of use for the security team that will utilize the application within their day-to-day processes.