Project Description

> ## Client

Chatham University; Falk School of Sustainability, Eden Hall Campus(EHC)

> ## Team member and roles

1. Jeeranat Sithivaraporn [Project Manager]   MISM
2. Eleanor Kenny [Financial Manager]   MISM
3. Daniel Ohara   MISM
4. Min-Ji Huh   MISM - BIDA
5. Anshu Agrawal   MISM – BIDA

* The roles will later be assigned once the scope of the project is finalized

> ## Project Overview

1. **Project Background:**
   Eden Hall Campus (EHC) generated a lot of data from many different sources: automated environmental and infrastructure sensors amalgamate time series data stream representing environmental variables; student and faculty are surveying the EHC ecosystem for biodiversity, creating species accounts and accompanying images; and hypothesis driven ecological inquiries are generating diverse data stream. However, no current data management plan exists at EHC. Therefore, Chatham University wants to have the data management system that can ensure that all data entities must be properly organized, quality controlled, easy to be accessed by students and faculties, and archived in an intelligent system to ensure maximum benefits from all efforts.

2. **Project Goal:**
   To develop a scalable information management system for EHC-generated data streams.

> ## Deliverables

1. Project scope and plan
2. Mid-term presentation
3. Prototype of data management system
4. Final presentation
5. Final data management system

> ## Project Advisor

Jeremy Smith, Adjunct Professor

> ## Main Contact

Ryan Utz, Assistant Professor (rutz@chatham.edu)