# IT Alumni Database

Date: 01/22/18

## Overview

The IT department at KSU maintains an alumni database which stores graduates’ career information. In the past, alumni’s career information is manually extracted from LinkedIn.com and then loaded into a relational database which is a very labor-intensive process. In this project, students will work with project owners and a Master student to create an automated extract, transform and load (ETL) system for IT alumni database. A web crawler that can automatically scrap data from LinkedIn.com will be provided. (Copied from Project Charter)

## Project Team

|  |  |  |  |
| --- | --- | --- | --- |
| **Roles** | **Name** | **Major responsibilities** | **Contact (Email and/or Phone)** |
| Project owner | Dr. Lei Li  Dr. Meng Han | Oversee team progress and answer all questions regarding capstone project | Lli13@kennesaw.edu |
| Team leader | Ricky Parks | Facilitates group communication. Database development and python scripting | Rparks13@students.kennesaw.edu |
| Team members | Zack Downing | Manages project website. Database development and python scripting | zdowning@students.kennesaw.edu |
| Vy Duong | Database development and python scripting | Vduong2@students.kennesaw.edu |
| Desiree Smokes | Database development and python scripting | dsmokes@students.kennesaw.edu |
| Hang Yu | Manages web crawler and facilitates database development and python scripting | Yuhang517@gmail.com |
| Advisor / Instructor | Ming Yang | Facilitate project progress; advise on project planning and management. | mingyang@kennesaw.edu |

## Project website

<https://sites.google.com/view/it-alumni-database/home>

## Final Deliverables

1. One complete database to store alumni information from excel data generated from web crawler
2. Python scripts to utilize web crawler to insert new alumni information into database
3. Python scripts to utilize web crawler to update existing alumni information in database

## Milestones

#1 - By 2/18/2018

* Setup environment and create the database

#2 - By 3/18/2018

* Project scripting able to add new record to the database

#3 - By 04/22/2018

* Project scripting able to add new record to the database as well as update existing records

By 04/29/2018

* Final Submission

## Future milestone meetings date/time

02/15/2018 – 7:45pm

03/15/2018 – 7:45pm

04/19/2018 – 7:45pm

## Communication and Meeting Planning

Primary communication through Discord group communication software.

Secondary communication through college email service

## Project Schedule and Tasks Planning

See the Gantt chart file attached.