# CSE – AD Import

Report Date: 09/14/2014

## Period: 9/1 to 9/14

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| **Team Member** | **Tasks and work done.** | **Workload (hours)** |
| Nidhi Verma | 1. Downloaded and installed SQL on home PC. Practiced SQL queries. | 3 |
| Owen Kelly | 1. Coordinated with CSE team to check on VM status and obtain the import files so work could start prior to VM completion. | 1 |
| 2. Examined table layout in Access Database and output file to determine what fields would be needed in database. Investigated Stored Procedures for databases and determined they would be a viable solution. Advised team this would be a good solution to pursue. | 2 |
| 3. Documented team activities in required logs. Communicated with team via email to schedule meeting and get feedback on progress. | 2 |
| Randall Norfleet | 1. Built Active Directory domain controller in VMWare environment to better understand Active Directory. | 5 |
| All | 1. Downloaded Zip file with import data for review. Reviewed the data. | 6 |
| 2. Attended meeting and discussed data flow and where data processing would be handled. | 4 |

## Period: 9/15 to 9/28

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| **Team Member** | **Tasks and work done.** | **Workload (hours)** |
| Nidhi Verma | 1. Worked on trying to import 0600 text file with VB script | 1.25 |
| Owen Kelly | 1. Examined tables and Queries in supplied Access DB | 2 |
| 2. Access DB table functionality analysis. Created E-R diagram | 3 |
| 3. SQL 2014 Express Installation. Created a SQL DB creation script which allows for deletion of the existing DB if it exists and which creates a new DB which matches the schema in the E-R diagram. Distributed to team to allow the use of local DBs until the VM is complete | 8 |
|  | 4. Prepared Activity Report | 2 |
| Kendra Bright | 1. Downloaded and installed SQL Express. | 5 |
| 2. Imported and ran SQL DB setup script | 1 |
| 3. Wrote VB Script to import the 0600 file | 6 |
| 4. Researched using VBS for file management | 10 |
| Owen Kelly,  Nidhi Verma, Kendra Bright | 1. Attended meeting and discussed status of VM, group pairings, script order, number of scripts. | 4 |

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| **Team Member** | **Tasks and work done.** | **Workload (hours)** |
| Kendra Bright | 1. Worked on the import script for wsfr130.csv | 10 |
| 2. Modified the import script for wsgr600.csv | 6 |
| 3. Troubleshot VM connectivity issues | 1 |
| 4. Researched DB connection processes for VBS | 1 |
| Randall Norfleet | 1. Troubleshot VM connectivity issues | 2 |
| 2. Dreamspark Import Research | 2 |
| 3. View research for SQL | 6 |
| Nidhi Verma | 1. Worked on accessing VM and reviewed Stored Procedure design | 4 |
| 2. Researched SQL queries. | 2 |
| Owen Kelly | 1. Downloaded and installed SQL 2014 Express on VM. Setup accounts for all team members to connect to the VM | 3 |
| 2. Wrote pseudocode for both stored procedures | 1 |
| 3. Corrected permission error with accessing database using created accounts | 1 |
| 4. Prepared the milestone presentation and activity report | 8 |
| 5. Worked with Nidhi on VM connectivity issues and Stored Procedure design. | 2 |
| Owen Kelly, Nidhi Verma, Kendra Bright, Randall Norfleet | 1. Attended meeting and discussed needed script work for the rest of week and into next week. Worked on getting access to the VM while in meeting. | 4 |

## 2. Communication log

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| **Date** | **Meeting participants, style, and place** | **Summary** |
| 09/11/14 | Google Hangout, Informal – Owen Kelly, Prince Ossei, Kendra Bright, Nidhi Verma | The meeting was planned to discuss direction with the project and to give a general update on where we stand.  The team was advised that Owen had met with Greg, the project owner, and had acquired a zip file with the data needed for the project. The VM was expected to be prepared 09/12. With the data the team could start looking into scripting coding and an E-R diagram for the database. Owen advised that the data was PII and should be protected as such. Prince advised he would look at the documentation included for the AD import tool.  The main discussion was concerning how the data flow would occur. Greg had mentioned that there was potential duplicate data in the import file. Owen presented 3 options. The first option was to let the VB script do all the heavy lifting. The second option was to have VB query the DB to determine if the data was a duplicate and insert if it isn’t. The final option was to have the script submit all data to a stored procedure on DB server and have the procedure perform all duplicate processing.  The team decided that the third option would be the one to pursue. It was decided that Nidhi would work with Owen on the stored procedure coding.  At the end of the meeting Owen asked Kendra to research VB script file management and data streaming. He advised he would supply the code for the DB connection. He asked Nidhi to look over basic SQL commands to get a refresher. Prince was asked to develop some documentation to outline data flow in the newly decided system. |
| 09/18/14 | Google Hangout, Informal – Owen Kelly, Kendra Bright, Nidhi Verma | * **VM Update –** Brief discussion of VM status and workarounds in place. * **Grouping and responsibilities** - Outlined group pairings and expected work from each group. * **Weekly Updates** – Reminded team members that weekly reports are necessary with hours spent and details on a weekly basis. * **My role and reminder** – Reminded team that I am in a more hands off role supporting and directing. Advised I would supply E-R diagram and pseudocode. Noted limited availability during the upcoming weekend. * **Milestone 1 Meeting –** Reminded group members that this was happening next week. Advised I would like some team member attendance. Also advised that I may need input from team members. |
| 09/25/14 | Google Hangout, Informal – Owen Kelly, Kendra Bright, Nidhi Verma, Randall Norfleet | * **VM Update** – Advised team that VM was up and running and that an email had been sent with the necessary access process. Team members attempted to connect to the server while in the meeting. Randall will assist Kendra Friday with some access issues. * **Milestone 1 Meeting** – Advised the team that the Milestone meeting would be occurring Monday 29th. Asked team members to attend if they could. * **Roles and Responsibilities** – Asked if anyone had heard from Prince as he has been out of contact for almost 2 weeks. Outlined the necessary requirements for Randall and advised he needed to get in contact with Prince to start work on the export script design / requirements.  Spoke with Kendra about what scripts would be needed for the import scripts and that there would be 2.   Worked with Nidhi and advised that we needed to start on the Stored Procedures. Planned on a Google Hangout with Nidhi at a date TBD. |