

IT 4983 Capstone Projects, Spring 2017
Presentation Day Guide
May 5, 2017

Poster Session
8:20AM to 9:10AM, J building (Atrium) 3rd floor

This session is for a more informal and interactive review of projects. Students will stand by the poster and be ready to talk and demonstrate to visitors.
Reception from 8AM to 8:20AM in J381.

9:10AM to 11:00AM Formal Presentations

This session is for detailed report of student projects. Each team will have up to 30 minutes to present the project (plus Q&A).

Room	<u>J-201</u>	<u>J-215B</u>
Projects	09:10AM DocWeb 09:45AM WhatstheBuzz 10:20AM GTRI	09:10AM Anthem Security 09:50AM Anthem Big Data
F/T Faculty	Jack*, Becky, Svetlana, Chi, Susan, Bob, Hyesung	Lei*, Ming, Ying, Rich, Hossain, Dawn, Diana
IAB/Others	TBD	TBD

Evaluation Guide

- Please take project evaluation forms in J-381 and use one form for each project.
- Please check the evaluator assignment table above. Try to visit those posters not in your assigned room.
- You may ask for explanations or evidences if students did not specifically present them for any evaluation item.
- Please return the forms to Dr. Jack Zheng once you have finished all evaluations.

Quick Facts

24 students
5 projects
5 external clients

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<http://itcapstone.blogspot.com>
Contact Dr. Ming Yang
mingyang@kennesaw.edu

Capstone Projects Overview

More project details can be found at: itcapstone.blogspot.com

Project	Brief Description	Project Owner
GTRI	GTRI-ELSYS is an applied research organization that provides technical solutions to a variety of sponsors and supports about 450 researchers and staff. The computer support department develops, maintains, and supports the Information Technology (IT) systems used within GTRI-ELSYS. The unit has an outdated disaster recovery plan and needed to update it. The student team surveyed current and best practices, and helped to create a new disaster recovery plan with many improvements.	Wes Hogarth, Matt Pinkston, IT Managers at Georgia Tech Research Institute
Anthem Big Data	Anthem Inc. is an American health insurance company founded in the 1940s, prior to 2014 known as WellPoint, Inc. It is the largest for-profit managed health care company in the Blue Cross and Blue Shield Association. The analytics team at Anthem is investigating the building of personal (insurer) profiles for query and analysis using NoSQL systems. The student team helped build a sample solution on MongoDB.	Robert Loadwick, Director of Technology, Anthem Inc.
Anthem Security	The data management team at Anthem is investigating the big data platform Hadoop. It requires a fine grained solution to securely mask Protected Health Information (PHI) and Personally identifiable Information (PII) in its Big Data/Hadoop systems. The solution should be able to protect data regardless of how the data is accessed (via tools such as HIVE/IMPALA or natively on HDFS) and provide different levels of attribute level masking and record filtering. The student team researched the potential solutions (including Protegrity) to satisfy client needs.	Venkat Kambalapally, Leader of the Data Warehouse and Analytics Technology, Anthem Inc.
WhatstheBuzz	Whatsthe.Buzz is a startup service which offers quick survey and reporting for small restaurants through a mobile app. The founder would like to add some new features to his service and improve user experience on smart phones. The student team aimed at providing multi-survey functionality and did user testing of the app.	Brenton Phillips, Whatsthe.Buzz Founder/Owner
DocWeb	DocWeb, a digital marketing company located in Salem NH specializing in digital marketing programs primarily in the medical vertical, has a need to re-write and significantly improve a small web application that is designed to assist a medical office track patient compliance with HEDIS measures. The web-based software application, written using PHP 5.2 and MS-SQL Server, currently performs some of the requirements and may be used as a tool to help understand and analyze the new requirements. The team was charged to update the website especially to rebuilt the frond-end of the application.	John Alders, Managing Partner, DocWeb