# IT Strategic Plan - Big 8 Ideas

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| **Division or Area** | MIS 408 |
| **Date** | 11-2017 |
| **Number of Participants** | Students in the class |

# Summary of BIG Ideas:

* **Next Generation LMS** - automatic current grade calculator that alerts students when their grade drops a certain amount
* **Mobile First –** an app that allows for chat boxes by class
* **Mobile First –** in app, a place to create teams allowing you to communicate and plan projects
* **Personalization -** degree planner chart view
* **Personalization –** Sync mycsusm calendar wih google calendar
* **Personalization –** can go to the Clarke with phone and do not need to sign in because it will know you are at the gym
* **Technology Enhanced Classrooms –** provide computers in every class and projecting to computers from own device, ability to use own computers
* **Technology Enhanced Classrooms –** integration of being able to switch computers to presenter mode from the teacher to the student
* **Online Learning Experience –** Virtual desktop on log in at cougar courses
* video conference with academic counselors
* **Next Generation LMS** – notification when the instructor field is changed from staff to professor name for courses students are enrolled in

# Concerns

* **Technology Enhanced Classrooms** – the cougar apps software is slow and ineffective outside the campus network

# Common Themes - ideas noted by trend and primary theme

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| **Technology Enhanced Classrooms**   * provide computers in every class. * projecting to computers from own device, ability to use own computers * More online classes for upper division course * Have accessible technology in conference rooms * Those TV white boards would be amazing in classrooms * virtual whiteboards in classes, voice recognition in classrooms with generated class transcripts or real time for students with hearing disability * integration of being able to switch computers to presenter mode from the teacher to the student * at least one computer in study rooms that are mostly used for group meetings * being able to view live lectures from a remote location would be interesting to have for students who cannot come to class for legitimate reasons. | **Mobile First Perspective**   * Order USU food through the Campus App * Add Cougar Jobs in the campus App * an assignment calendar that teachers and students can utilize * Quick access to grade * Create notifications for class assignments/tests from blackboard for due dates * quick access to a schedule to calendar with due dates. * Degree planner option to talk to someone within minutes * chat with advisors through the cougars mobile app * enroll into classes in app, homework tracker * Make the campus website more mobile friendly * It would b nice if they made a cougar course app for android and IOS we can access class materials and contact the professor and classmates through * Connecting to food services and allowing ordering food on campus while in class. * 2D map display where tou could mark exactly where you parked * an app that allows for chat boxes by class | **Personalization**   * social network just for csusm students available through cougar apps, with the ability to break down into class specific conversations * if you get a bad grade on a midterm, you will get scheduled to go to tutor * degree planner chart view * Sync mycsusm calendar wih google calendar * can go to the Clarke with phone and do not need to sign in because it will know you are at the gym |
| **Unified Messaging**   * Email alerts are not as effective as having a dedicated alert system * Class messaging and being able to communicate with classmates and the teacher (similar to slack) * an app that allows for chat boxes by class * in app, a place to create teams allowing you to communicate and plan projects | **Virtual Reality**   * Need more innovative labs * VR Classes, practice a an major or level. Practice job interviews, veteran PTSD help * having VR for kinesology and art majors * Virtual tours of the campus and classrooms. Navigating between rooms and finding the best routes between class | **Next Gen LMS**   * LMS that can give updates about grades and when assignments are due * alerts when new and relevant information is available, grades, registration dates * automatic current grade calculator that alerts students when their grade drops a certain amount * Make all homework, quizzes and tests due online |
| **Non-Traditional Support**   * mentorships and internships provided on campus * maybe have students volunteer in IITS so that there is customer service 24/7 and students would get real world experience * allowing support/help desk/ financial aid to be open past the hours of 8-5 * provide student lounges with couches and microwaves for commuter students who don't want to go to the USU * video conference with academic counselors | **IDM**   * a multi step authentication process (MFA) * BIO metrics thumb print, voice and facial recognition authentication * integration with touch ID, FaceID * ability to open UVA or Qaud by phone identity. * Put items at cougar store on phone | **Machine Learning**   * parking lot/garage sensors for open spaces, put on app for real time parking * Keep Track of study habits to get advising or automated assistance |
| **Strategic Alliances**   * ability to take online class at other csu schools | **Security/Privacy**   * in the event you lose your phone it would disconnect all apps on your phone * a built in VPN for phone * Need secure email * More firewalls to protect identity and private info. | **Hybrid and Cloud**   * Be able to save files on personal computer easier, no thumb drive. * It would be nice if you could apply for more storage in the cloud for IT majors * accessing school account files more easily from home |
| **Focus on Customer Service**   * available IT staff for technical questions students may have | **OER**   * lower costs, less dependence on publisher's products | **Digitalization**   * More Virtual Screens for campus events and posted notices (no more paper) * Strictly online homework |
| **Supporting Research**   * make data collected by the school available to students to use for analytics projects * offer more variety of accessible databases for students to use for research | **Next Gen Learning Management**   * LMS- I would like to have alerts to notify me when deadlines are coming up. * notification when the instructor field is changed from staff to professor name for courses students are enrolled in | **Data Analysis and Decision Making**   * A student oriented platform (like Tableau) we could use for our own research. |
| **Virtual Reality**   * Computer systems scenario * It would be nice to be able to use a virtual instructor for extra help | **SaaS**   * Need to encrypt the data to keep it secure. * access to more of adobe CC programs, lucid chart * having a resource that will be able to have a range of software with more organized structure | **Online Learning Experience**   * Virtual desktop on log in at cougar courses |