# 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
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| **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
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| **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
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| **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
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| **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
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| **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.
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| **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
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