INFORMATION MANAGEMENT ASSOCIATION

MEETING MINUTES



March 16 **20**21 / 7:00 PM / Webex

# ATTENDEES

Members and Eboard

# AGENDA

## Last Meeting Follow-up

* Class Picktime

## New Business

* Password Security - Kevin Brown

# NOTES

* Kevin Brown
	+ A full-time employee for ITS in the Identity and Access Management Group
		- Previously Server Admin
	+ Adjunct faculty for OPIM
		- OPIM3220, OPIM3103
	+ MIS Student
		- Graduated May 2016
* Role of IT in Modern Business
	+ IT has become a fundamental part of every modern business
	+ Everything is stored digitally now
	+ Communication is done over email and chat
	+ Telecommuting
	+ VPNs, gateways, BYOD
* Authentication and Authorization
	+ Authentication - netid
	+ Authorization - correct employees access correct data
* Phishing
	+ Social engineering attempts to get into a company’s internal network
	+ 32% of all breaches originate with phishing emails
	+ Most common n financial institutions
* Passwords
	+ Computers get faster, passwords get easier to guess
* Password Storing
	+ Database with passwords
		- Most simple no hashing
	+ Database with passwords and hashing algorithm
		- Hashing Algorithm encodes the passwords - one input one output
	+ Hashing and Salting
		- Hashing combined with Salting (sprinkling more unique company established passwords within the user password while hashing)
* Password Guessing
	+ Dictionary
	+ Rainbow Table
	+ Brute-force
* Password Criteria
	+ Length
	+ Do not reuse
	+ Change (when needed)
	+ User a password manager
	+ Turn on multifactor authentication

# ACTION ITEMS

* kevin.r.brown@uconn.edu

# NEXT WEEK’S AGENDA