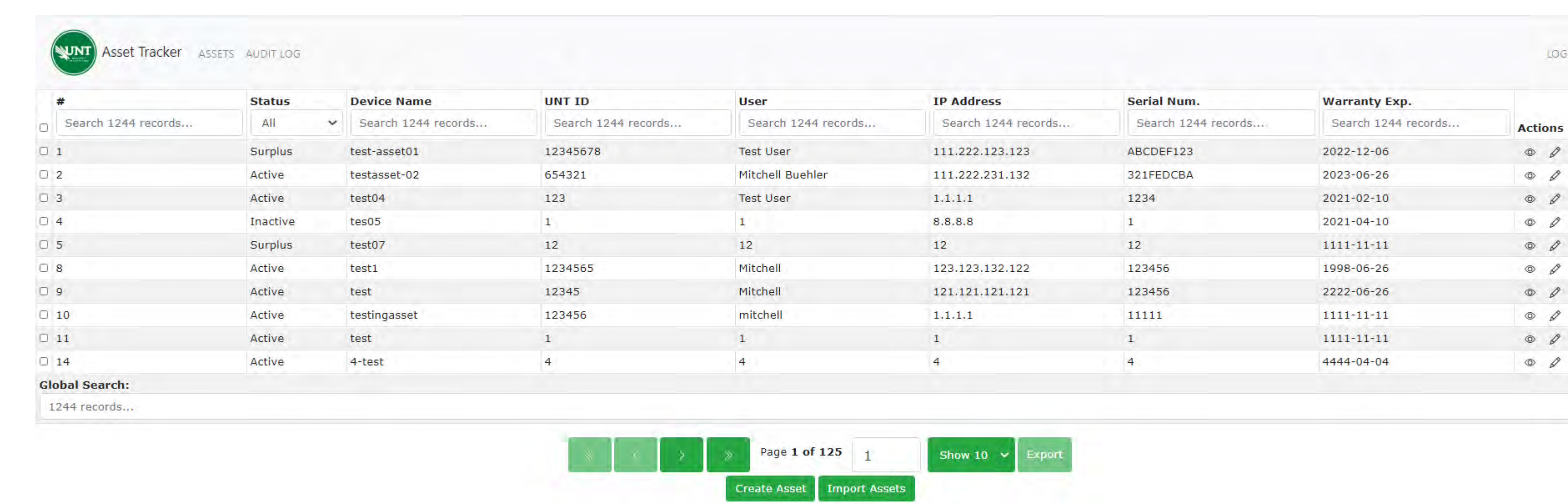


The Elite Four – Technology Asset Tracker

Information Technology – CSCE 4925 Capstone II

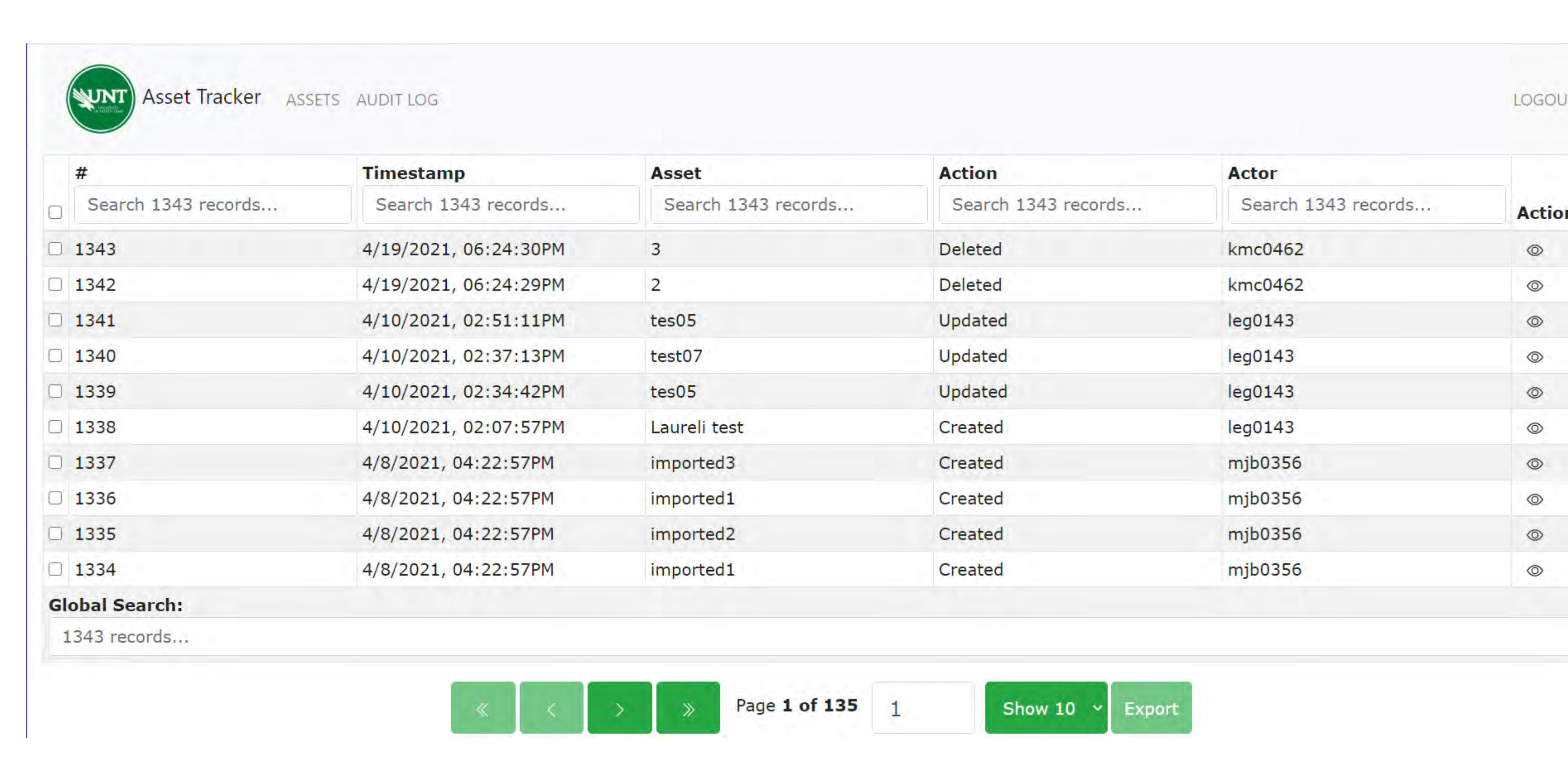
Project Abstract:

The AITS-FASA department at the University of North Texas has used programs such as Microsoft Excel and Microsoft Access to keep track of their supported departments' capital assets, IT, and media inventory items that fall under their scope of support. A specialized application for their use is needed to standardize tracking, increase productivity, and establish a better workflow when related to inventory tasks and using the information tracked to assist end-users. Critically, it will add the functional ability to automatically track and log changes made to assets by noting who the change was made by, when the change was made, as well as what changes were made; this is a function that is not present in Excel or Access.



#	Status	Device Name	UNT ID	User	IP Address	Serial Num.	Warranty Exp.	Actions
1	Surplus	test-asset01	12345678	Test User	111.222.123.123	ABCDEF123	2022-12-06	
2	Active	testasset-02	654321	Mitchell Buehler	111.222.231.132	321FEDCBA	2023-06-26	
3	Active	test04	123	Test User	1.1.1.1	1234	2021-02-10	
4	Inactive	tes05	1	1	8.8.8.8	1	2021-04-10	
5	Surplus	test07	12	12	12	12	1111-11-11	
8	Active	test11	1234565	Mitchell	123.123.132.122	123456	1998-06-26	
9	Active	test	12345	Mitchell	121.121.121.121	123456	2222-06-26	
10	Active	testingasset	123456	mitchell	1.1.1.1	11111	1111-11-11	
11	Active	test	1	1	1	1	1111-11-11	
14	Active	4-test	4	4	4	4	4444-04-04	

General browse view



#	Timestamp	Asset	Action	Actor	Actions
1343	4/19/2021, 06:24:30PM	3	Deleted	kmc0462	
1342	4/19/2021, 06:24:29PM	2	Deleted	kmc0462	
1341	4/10/2021, 02:51:11PM	tes05	Updated	leg0143	
1340	4/10/2021, 02:37:13PM	test07	Updated	leg0143	
1339	4/10/2021, 02:34:42PM	tes05	Updated	leg0143	
1338	4/10/2021, 02:07:57PM	Laureli test	Created	leg0143	
1337	4/8/2021, 04:22:57PM	imported3	Created	mjb0356	
1336	4/8/2021, 04:22:57PM	imported1	Created	mjb0356	
1335	4/8/2021, 04:22:57PM	imported2	Created	mjb0356	
1334	4/8/2021, 04:22:57PM	imported1	Created	mjb0356	

Specialized automatic audit log

Remaining work:
UI Cleanup,
Documentation
Finalization

Project Sponsor:
Jason McMullen, UNT-AITS

Instructor: David Keathly

Challenges, Skills developed, tools learned, other experience gained:

- How to work with bootstrap.
- How to run a meeting.
- How to schedule a long-term project.
- Everything takes longer than you think it will, so plan for it.
- Designing UI is more convoluted than you'd expect.
- Never develop on production.



Team Members:
Mitchell Buehler
Kathryn Curran
James Stowell
Laureli Dougherty