

Milestone #4 Evaluation

Florida Tech History Tours

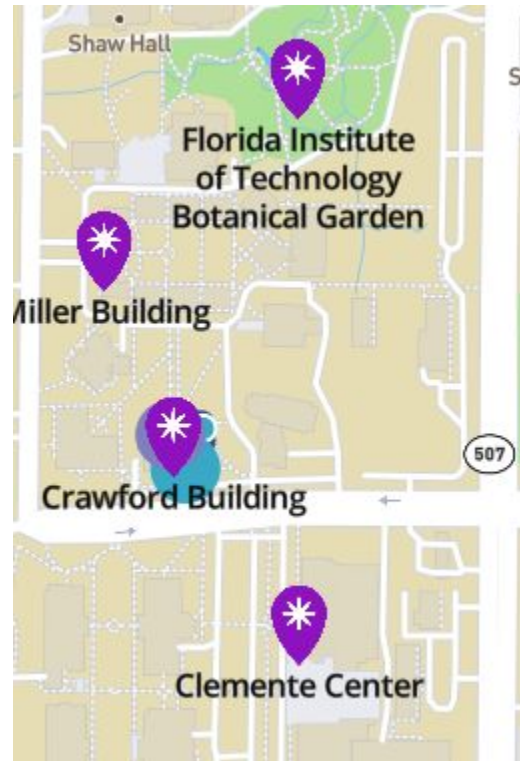
Add Initial Routing



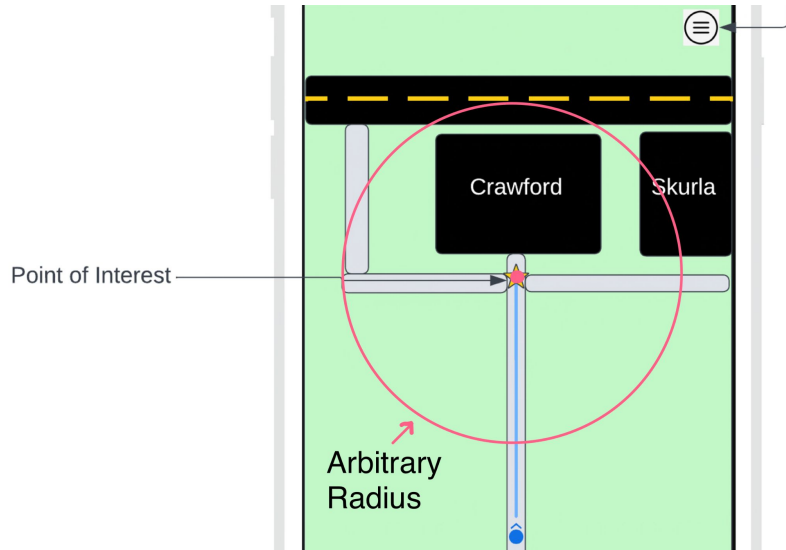
Build Geofences for Buildings

Location	NW Lat	NW Long	NE Lat	NE Long	SE Lat	SE Long	SW Lat	SW Long	Midpoints (NW&SE) Lat	Midpoints (NW&SE) Long
HV Bldg C	28.0585101 99610843	-80.6224264 0214414	28.0585062 18869695	-80.622260 62584261	28.0579966 82786214	-80.622256 11492282	28.0579936 97216098	-80.622429 78533398	28.0582534 411985	-80.622341 2585335
HV Bldg B "Farmer Hall"	28.0590573 06131997	-80.6226354 1976193	28.0590640 00879513	-80.622462 82842193	28.0585485 04101324	-80.622464 72503006	28.0585485 04101324	-80.622637 31637007	28.0588029 051166	-80.622550 0723960
HV Bldg A "Harley Hall"	28.0596112 95085602	-80.6228421 500539	28.0596096 21407272	-80.622663 86888949	28.0590790 64067497	-80.622665 76549762	28.0590958 00932084	-80.622836 46022951	28.0593451 795765	-80.622753 9577758
All Faiths Center	28.0603822 53960924	-80.6240144 6447771	28.0603780 69795114	-80.623821 01044825	28.0600583 9904426	-80.623843 76974583	28.0600617 46386896	-80.623988 86026794	28.0602203 265026	-80.623929 1171117
L3Harris Student Design Center	28.0608450 2170517	-80.6243255 0821568	28.0608433 4804605	-80.623951 87641367	28.0606433 45595288	-80.623950 92810961	28.0606450 1925751	-80.624326 45651974	28.0607441 836502	-80.624138 2181626
Machine Shop	28.0608498 7030806	-80.6237404 3172603	28.0608484 62934167	-80.623277 92494202	28.0606260 9763012	-80.623276 33009104	28.0606162 4599207	-80.623738 83687505	28.0607379 839690	-80.623508 3809085

Add Map Layovers



Scavenger Hunt Implementation



- By using a radius around certain building's geofences, we can ask questions that require the user to physically go and explore the buildings.
- This prompts the user to interact with the buildings, rather than simply look up the answers.
- Currently being implemented and will need to be tested as we tag questions with certain geofencing data.

Advisor & Client Feedback

Client:

- Recommended we reach out to other facility members to gather photos that may have already been digitized.
- The timeline should have consistent conventions for the year as seeing “1960s” inbetween the wrong years doesn’t look good or make sense.

Advisor:

- The user interface has a few UI elements that should get changed to allow for better visibility of elements on the screen so things aren’t getting cut off.
- Directions look good and usable but the CSS can get cleaned up to ensure that nothing is cut off the bottom.

Current Progress Matrix

Task	Completion	Grant	Cam	Matt	Tyler	To Do
Collect Coordinates for Building/Locations on Campus	30%	0%	0%	0%	30%	Continue collecting coordinates
Build Out Historical Database	45%	0%	5%	90%	5%	Continue gathering content Digitize Photos
Trivia UI Implementation	80%	40%	50%	0%	10%	Implement Upstream Changes
Game Question Generation	50%	5%	10%	15%	20%	Generate more trivia questions
Add Initial Routing	100%	0%	0%	0%	100%	
Add Map Layovers	80%	0%	80%	0%	0%	Add remaining location waypoints and some cleanup
Begin Other Game Implementation	30%	30%	0%	0%	0%	Implement Concepts to Geolocation Data
Build Geofences for Buildings	60%	0%	0%	100%	0%	Verify Accuracy Geofence rest of buildings and point of interests

Next Milestone Matrix

Task	Grant	Cam	Matt	Tyler
Create full campus tours for the various routes	15%	15%	55%	15%
Design and implement settings menu for application settings and social media sharing	5%	85%	5%	5%
Finish All Game Implementations	55%	15%	15%	15%
Begin evaluation of the system for final analysis	5%	5%	5%	85%

Questions?