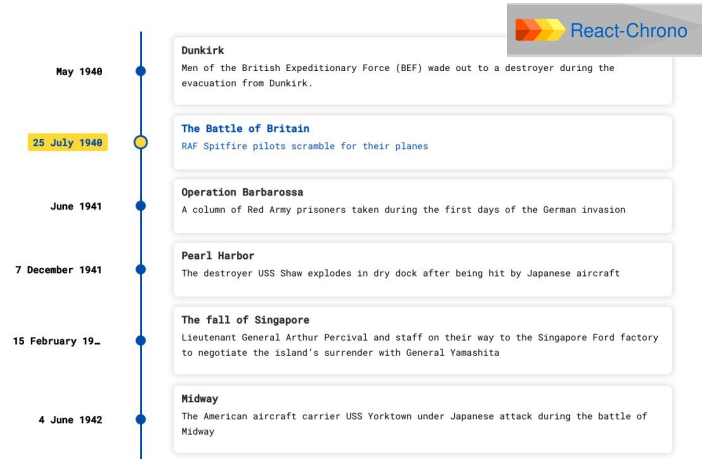# Semester 2 Project Plan

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Florida Tech History Tours
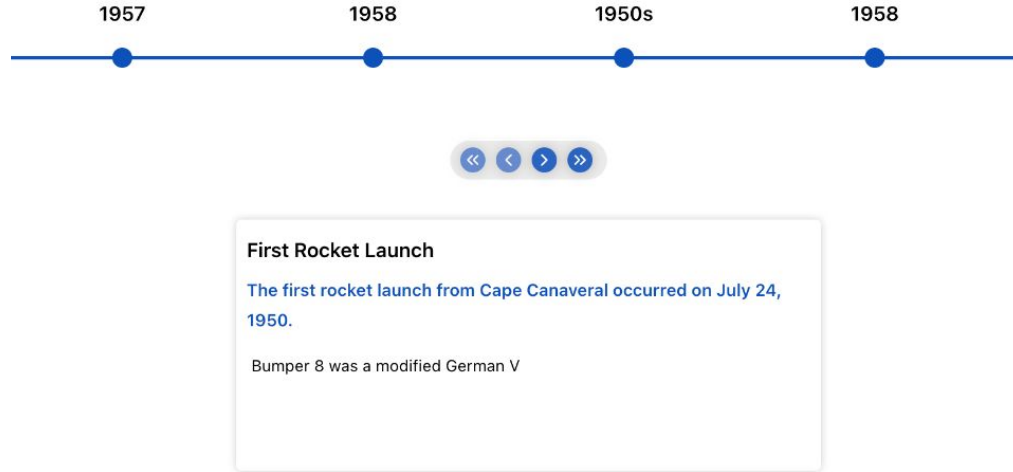
Algorithms and Tools/Integrations

Technical Challenges
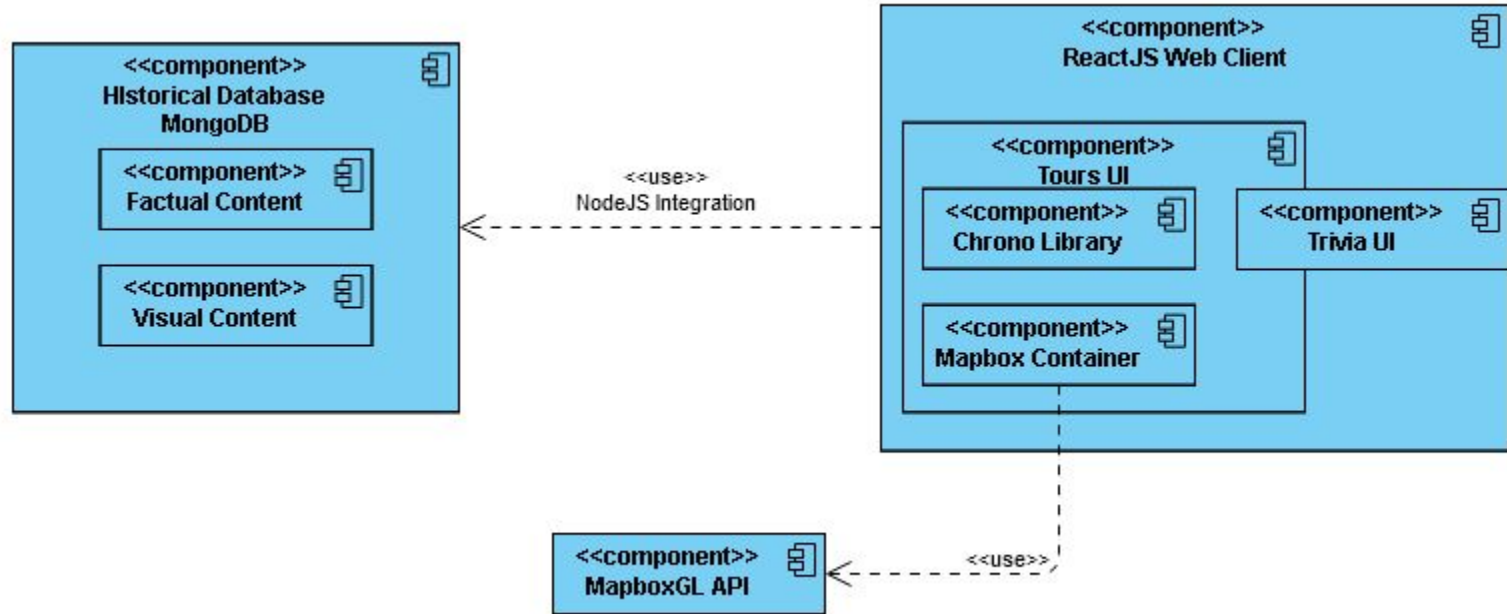

GPS Inaccuracies

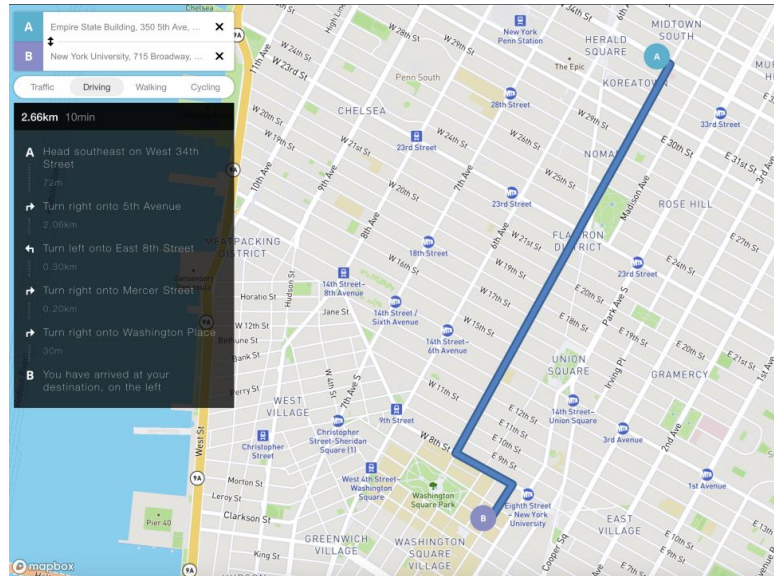Timeline Data Streaming

Design of the System

Progress Summary

Feature	Completion (%)	To Do
Implement and Deploy Basic Web App	100%	None
Choose GPS/Location Framework/API	100%	None
Integrate Map Container	100%	None
Add GeoLocation Button to Map View	100%	None
Add Historical Facts to App	100%	None
Load Current Content Into Live Demo	100%	Keep updated as more facts are collected
Implement History Trivia	60%	Integrate with home page Randomize game questions
Implement Scavenger Hunt	0%	Begin Coding Scav. Hunt
Collect Coordinates for Building/Locations on Campus	30%	Continue collecting coordinates
Build Out Historical Database	45%	Continue collecting information from Florida Tech Digitize Archival Photos
Game Question Generation	50%	Generate more trivia questions

Milestone #4

- Implement initial tour paths for guided navigation
- Design and Integrate Layouts for the Points of Interest across campus
- Begin Implementation of the additional game(s), e.g. scavenger hunt, name game, etc.
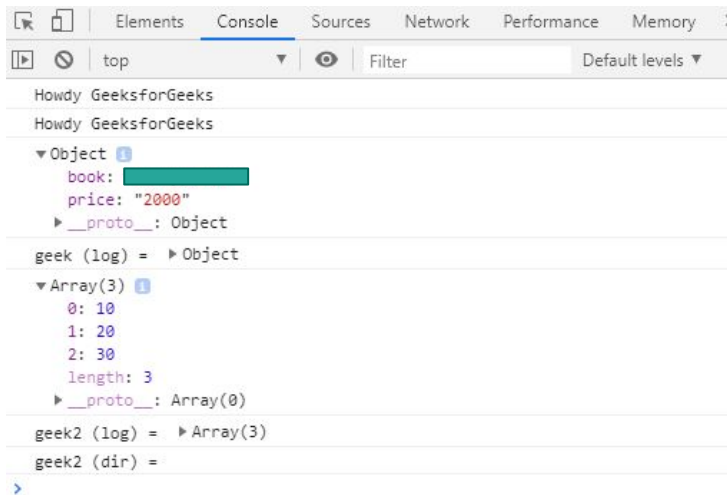- Create Geofences with latitude and longitude values for campus buildings

Milestone #5

- Create full campus tours for the various routes
- Design and implement settings menu for application settings and social media sharing
- Begin evaluation of the system for final analysis / senior design poster

Milestone #6

- Clean up the UI and add in debug options for location and other resources
- Create user/developer manual
- Create demo video

Next Milestone Matrix

Task	Grant	Cam	Matt	Tyler
Add Initial Routing	5%	5%	5%	85%
Add Map Layovers	5%	85%	5%	5%
Begin Other Game Implementation	85%	5%	5%	5%
Build Geofences for Buildings	5%	5%	85%	5%

Questions?