

## Timeline

Time period	Goals
Sep 26	Grammar mostly finalized
Oct 3	<ul style="list-style-type: none"> <li>- Parser finished</li> <li>- starting to convert CREATE statements into map elements</li> <li>- User studies finished</li> </ul>
Oct 10	Handling function calls, variables, loops
Oct 17	Everything done!

Tasks	People	Expected Completion
Grammar/Tokenization/Parsing/AST	Kyle	Oct 2
Creating simple lists of AST Nodes so that we can work with them easily  (for example, lists of all of the Function Call AST Nodes, the Function Declaration AST Nodes, the Variable Declaration AST Nodes)	Kyle	Oct 2
Function calls	Eric	Oct 10
Variable declaration/assignments	Eric	Oct 10
Loops	Eric	Oct 10
Going from "CREATE" ASTNodes to a visual representation	Michael, Aidan, Maxwell	Oct 10
General Frontend	Michael, Aidan, Maxwell	Oct 10
Help with frontend as soon as were done	Kyle, Eric	Oct 10

Random

Background research

- Google maps API - Maxwell
- D3 JS library (if unable to use Google maps)

Tokenization / Parsing / AST / Grammar - Kyle

Execution

- Component - more frontend/API calling focused
  - Roads
  - Stops
- Function - Eric
- Control flow - Eric
- Constant
- Variables

Demo web page?