

1. [Leaflet locate](#): Leaflet locate allows the geolocation of the user
2. [Leaflet Routing Machine](#): Allows the addition of routing and direction to our maps.  
  
Users add their start and end points and plugin provides step by step directions and display the route on the map - **Requesting advice on whether this is a good option for use in our maps**
3. [Leaflet.pinsearch](#) - allows users to search but specifically autocomplete on all pin tiles.  
  
Can change the size of the search box and we can potentially animate the search box such that it is collapsible. This is the plugin we intend to use to make it easier to autocomplete the searching for students based on the pins within the school area
4. [Leaflet indoor](#): This plugin makes it easier to create indoor maps. So it pulls in data from a specific building and displays it on the map. You can change the level of the building by using a selector in the bottom right corner. This is the plugin we intend to use to display inside the buildings. May need to think about additional functionality in this
5. [Leaflet live update and leaflet messagebox](#): Based on the write up of this plugins, with liveupdate, you can have a play/stop button that creates a callback function every x seconds, then when combined with messagebox, a stylized box can be shown on the map every few seconds. So the possible idea here is that students get to live update the map using messages and this can allow other students to know what is taking place at particular locations around the school. This can also be a fun way for students just to interact with the map itself beyond the idea of navigation, since once a student knows the school pretty well, they may not need the map that much.
6. [Leaflet.zoomhome](#): Simply allows the user to reset the view with a home button.

7. [Leaflet-bookmarks](#): Control for adding and navigating between user created bookmarks on the map. Users of the application i.e. new students can bookmark certain locations to enable them to easily get to these locations again easily. Can be useful to visitors who are in school for a short period of time as they navigate through a specific set of locations within the school
8. **Leaflet photo**: interesting but might not be intending to use in the end. Just leaving it here in case we are able to properly integrate it. Shows geotagged photos on the leaflet map.
  - Leaflet.beautifymarkers: adds colorful iconic markers without image and gives full control of style to the end user. Similar to leaflet photo, keeping it here as an additional