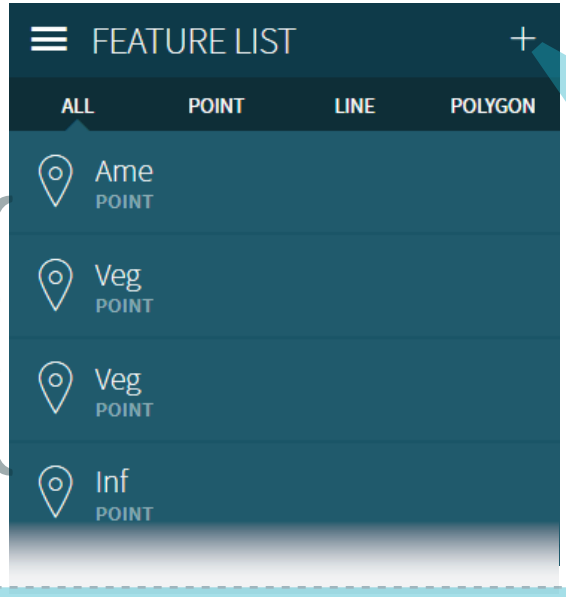
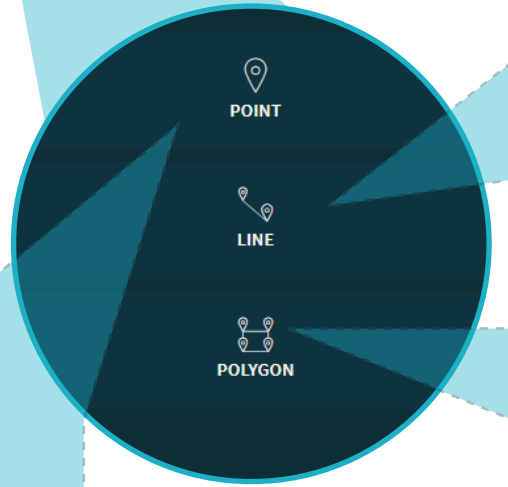
How to collect geospatial data



Lists all of your collected data

Click to add a feature

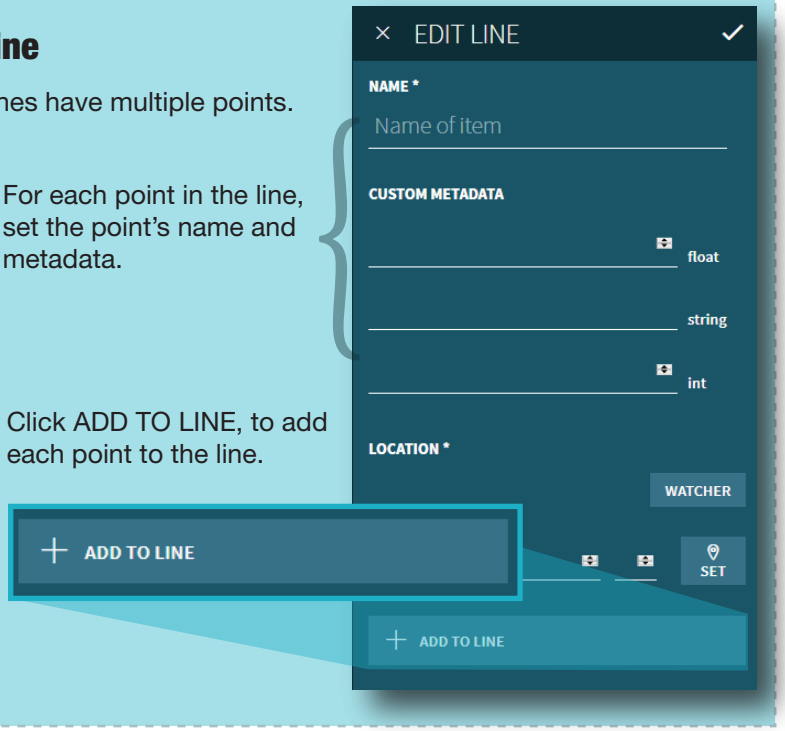


Line

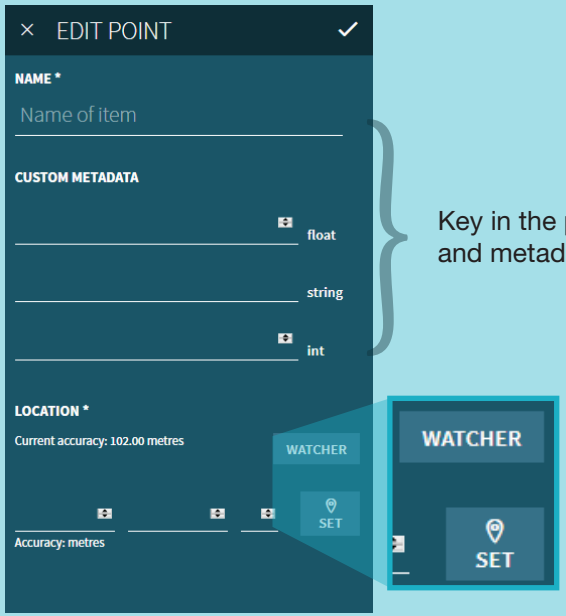
Lines have multiple points.

For each point in the line, set the point's name and metadata.

Click ADD TO LINE, to add each point to the line.



Point



Key in the point's name and metadata

Click WATCHER. This will allow you to monitor the accuracy of your GPS signal.

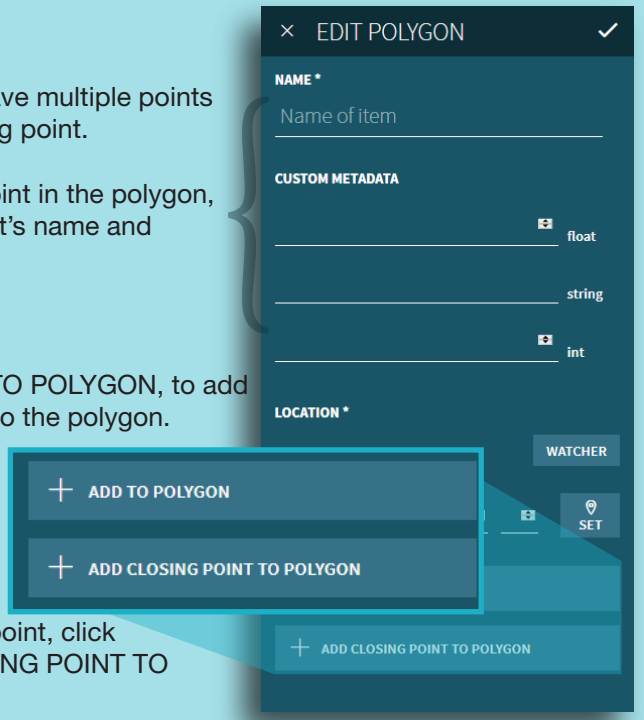
Click SET. This captures the GPS coordinates.

Polygon

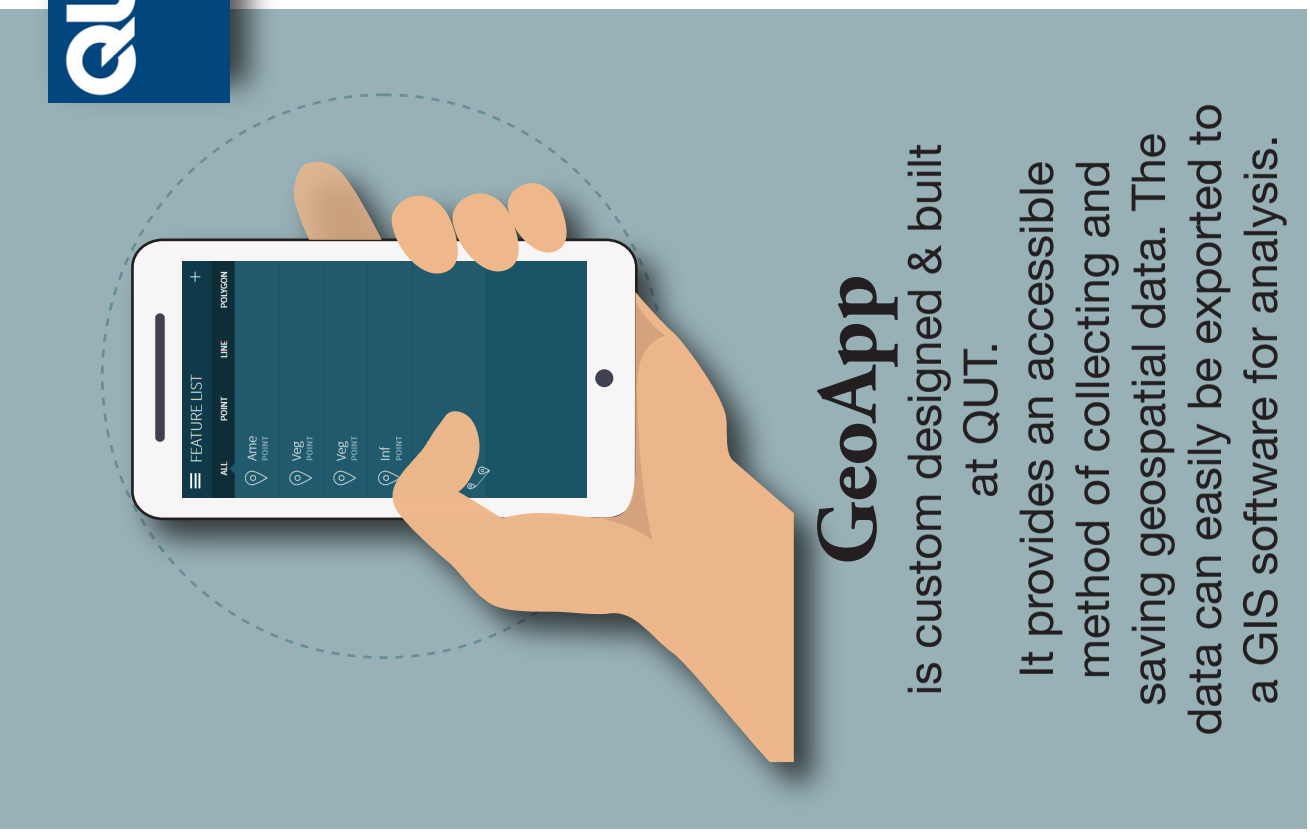
Polygons have multiple points and a closing point.

For each point in the polygon, set the point's name and metadata.

Click ADD TO POLYGON, to add each point to the polygon.



At the last point, click ADD CLOSING POINT TO POLYGON.



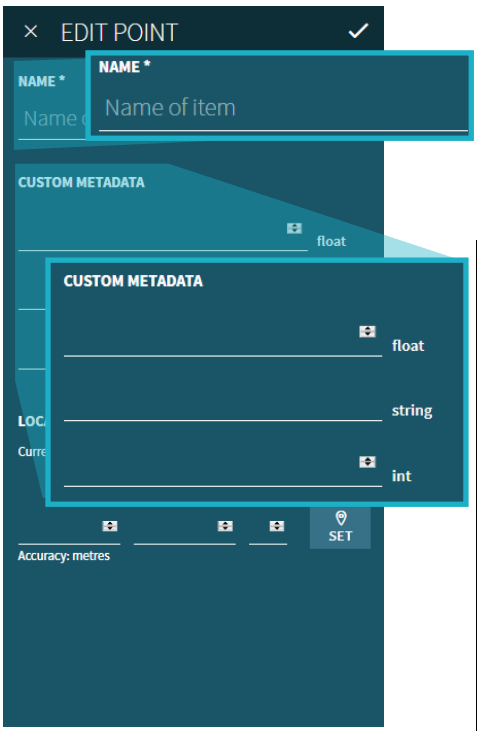
GeoApp is custom designed & built at QUT.

It provides an accessible method of collecting and saving geospatial data. The data can easily be exported to a GIS software for analysis.

You are the first cohort of students to use GeoApp. Your feedback will be greatly valued.

Consistent Data Formatting

Within EVB203, you will collect and share large amounts of Geospacial data with the class. Because of this, you must ensure that you employ a consistent formatting rules.



		Example
NAME This field is for broad classes for your spatial objects	Veg– Vegetation	Trees, labelled shrubs
	Ame– Amenities	Seats, tables, drinking fountains, rubbish bins, toilets, signs, lights
	Inf – Infrastructure	Storm water drains, pathways, culverts, fences, CCTV
	Gnd - Ground Cover	Gardens, grass, water
	Art – Art installations	Statues, pictures

		Example
float a numeric field	Veg	Estimation of tree height in meters
	Ame	Number of seats, number of toilets, etc
	Inf	
	Gnd	
	Art	
string a text string fields separated by commas	Veg	Family, Genus species, year planted, common name, region/country of origin, reference number
	Ame	(Light, seats, tables, drinking fountains, rubbish bins, toilets, signs), type or material, capacity (for seats/tables),fdb
	Inf	(tap,drain,power,irrigation),status (f,d,b),comment
	Gnd	(Garden,grass,path), (line: path width, point:radius)
	Art	Artist,year,material,condition
int a non-decimal numeric field	all	yymmdd, studentnumber