	SPRINTS	SPRINT 1 SPRINT 2 SPRINT 3 SPRINT 4									
WORK BREAKDOWN STRUCTURE	TASK TITLE	STAGE	WEEK 1 September 18 19 20 21 22 23 24	WEEK 2 Octob 4 25 26 27 28 29 30 1 2	WEEK 4	WEEK 5	WEEK 6 WI	EEK 7 WEE	K 8 WEEK 9	WEEK 10	WEEK 11
1.1	Maps. As a user, I want its see a map of Edmonton displayed Use Coople Maps API to display map on screen Implement dynamic zoom leve to respond to dimensions of polygon. As a user, I want foreince an image of each dioblery route on the map so Outpel maps of map (cool do a life half is visible on the coreen, all that is visible to the direct of the parties of the polygon.)	3									
	Output image of map with the polygon of all the delivery zones Output image of map with the polygon of an individual delivery route										
2.1	Neighbourhoods As a user, I want to be able to select a neighbourhood from a list of the neighbourhoods in Edmonton. Create a list where user can select a neighbourhood from a list of neighbourhood in Edmonton.	1									
2.2	Inject the neighbourhood as a polygon in the polygon array. As a user, when I select a neighbourhood I want the map to centre on that area on the map. Focus map on selected neighbourhood	1									
2.3	As a user, I want to see the total number of units in a neighbourhood. Display total number of units contained in the neighbourhood. Calculate the total number of units inside the neighbourhood.	2									
2.4	As a user, I want to see the perimeter of the neighbourhood rendered on screen. Render the perimeter of the selected neighbourhood Polygons	2									
3.1	As a user, I want to be able see a polygon rendered on screen. Render a polygon on the map	1									
3.2	As a user, I want to be able to draw a polygon on the map. Allow user to draw polygon on map. Allow user to clear polygon from map.	1									
3.3	Limit user to only drawing one polygon on the map at at time. Disable or remove export button when user is in draw mode. As a user, I want to see the total number of residences contained within the	3 2									
3.4	polygon. Display total number of units contained in the polygon for the total delivery zone. Calculate total number of units inside a polygon for the total delivery zone. As a user, I want to further partition the polygon into smaller delivery routes	2									
3.5	Allow user to draw smaller polygons for the delivery route within the polygon for the total delivery so. As a user, I want to see the total number of units contained in each individual delivery route. Spelay total number of units contained in the polygon for the individual	2									
	Calculate the total number of units in each individual delivery route polygon										
4.1	As a user, I want to be able to save a delivery zone partition every time I create one. The same of t	5									
4.2	Create database to store the saved delivery zones, the addresses in the city, and the neighbourhoods and their boundaries. Save every delivery zone partition created to the database As a user, I want to see my previously saved delivery zone partitions.	5									
5	Display previously saved zone partitions Retrieve previously saved zone partitions from the database. Searching										
5.1	As a user, I want to search for a neighbourhood name in the search bar. Implement search for neighbourhood name. As a user, I want to search for an address in the search bar.	4									
	Implement search for an address. Limit search results to Edmonton area.										
5.3	As a user, I want the map to centre on the location I searched for when I hit enter. Map focus on location searched when user hits enter. [Filtering]	4									
6.1	Filtering As a user, I want to filter out apartment buildings from the total residence count. Filter apartment buildings from total unit count. As a user, I want to filter out commercial public buildings from the total residence count.	5									
	Filter out commercial/public buildings from total unit count Add visual cue on the map for each type of unit.	5									
7.1	Testing As a development team, we need to test our app. Investigate testing frameworks.	4									
	Set up testing environment. Write tests for API. Write tests for Overlay component.										
8.1	Investigate use of intern for testing. UI As a user, I want to interact with intuitive UI.	4									
	Create side bar to contain search and drawing functionality. Iterate over side bar to make improvements. Design & implement UI for saving previous zone partitions.										
	Design of the polygon tab view. Design of search results view. Design & Implement UI for retrieving previously saved previous zone partitions.										
9	Design and implement UI for retrieving previously saved zone partitions. Design and implement UI for saving zone partitions. Refactoring										
9.1	As a development team, we need to refactor some components. Refactor Overlay component to remove dependencies.	4									
10.1	(App. As a user, I want the map to be easy to use Style map with high contrast colours to acomodate colourblindness Preview all images prior to export. Allow for downdod or printing of the imaster delivery zone and each	4									
11	Allow for download or printing of the master delivery zone and each individual delivery route image. Eugs										
11.1	As a development team, we need to minimize bugs Verify that the editing method of polygons with the nodes is intuitive Cancel button no longer works as expected Can search neighbourhood and drawledit polygons at the same time.										
	babel-preset-es2015 is deprecated										