Acceptation requirements: Zoek een perceel in ArcGIS Pro

1. Searching

	Label	How	When
Search on municipality	Gemeente	Select from dropdown menu list of all flemish municipalities	Always enabled
Search on department	Afdeling	Select from dropdown menu Based on selected municipality	Enabled when municipality is selected
Search on section	Sectie	Select from dropdown menu Based on selected municipality and department	Enabled when department is selected
Search on parcel	Perceelnummer	Select from dropdown menu Based on selected section, department and municipality	Enabled when section is selected

- Select a municipality
    - The list of municipalities is a list of all **Flemish** municipalities.
    - The dropdown menu is filled with that list.
- Select the department
    - When the municipality is chosen, the user can search on 'afdeling'
    - The list of afdelingen is made based on the chosen municipality
    - The dropdown menu is filled with that list.
- Select the section
    - When the afdeling is chosen, the user can search on 'sectie'
    - The list of sections is made, based on the chosen municipality and afdeling
    - The dropdown menu is filled with that list.
- Select the parcel
    - When the section is chosen, the user can search on parcel number
    - The list of parcels is made, based on the chosen section, afdeling and municipality
    - The dropdown menu is filled with that list.

- When the tool starts, the user can only search on municipality. The other fields are disabled.
- An update of one of the values will cause an update of all the underlying fields.
    - The list of the dropdown menu is updated.
    - There is no value chosen.

- The search uses the parcel service: https://geo.api.vlaanderen.be/capakey/v2/swagger/ui/index

2. Results

- **Result list**:
  - There is no result list
  - The result is shown in the select fields
- **Favourite list**:
  - The items are shown in a table with columns, in the below order:
    - Municipality ('Gemeente')
    - Department ('Afdeling')
    - Section ('Sectie')
    - Parcel ('Perceelnummer')

3. Actions

	Select one item	Select multiple items	Select all items	Add to favourites	Zoom	Mark	Remove	Export
Button								
Label	-	-	-	Voeg toe	Zoom	Markeer	Verwijder	Exporteer
Position	-	-	-	Below the result	1x next to municipality 1x next to department 1x next to section 1x next to parcel 1x below the favourite list	Below the favourite list	Below the favourite list	Below the favourite list
Applicable to								
Result	-	-	-	Yes	Yes	-	-	-
List of favourites	Yes	Yes	Yes	-	Yes	Yes	Yes	Yes
Behaviour								
Select the element(s) in the list only	Yes	Yes	Yes	-	-	-	-	-
Update the list of favourites: Adding	-	-	-	Yes	-	-	-	-
Update the list of favourites: removing	-	-	-	-	-	-	Yes	-
Zoom and pan on the map to the POI(s)	-	-	-	-	Yes	-	-	-
Show the POI(s) on the map with a marker	-	-	-	-	**Yes**	Yes	-	-
Remove the marker on the map	-	-	-	-	-	-	Yes (if it was marked)	-
Save the element(s) to a JSON file	-	-	-	-	-	-	-	Yes

- Starting from the result:
  - The user can do the following actions with a selected <u>municipality, department or section:</u>

- Zoom (Button 'Zoom'). This causes the following behaviour:
  - The map **is** zooming and panning to the selected municipality, department or section.
  - The municipality, department or section **is** shown on the map.
- The user can do the following actions with a selected <u>parcel</u>:
  - Zoom (Button 'Zoom'). This causes the following behaviour:
    - The map **is** zooming and panning to the selected parcel.
    - The parcel **is** shown on the map.
  - Add (Button 'Voeg toe'). This causes the following behaviour:
    - Adding the selected parcel to the list of favourites
    - The map **is not** zooming and panning to the selected parcel
    - The parcel **is not** shown on the map.
- Starting from the favourites list:
  - The user can select:
    - one result of the table
    - multiple results of the table
    - all results of the table
  - The user can do the following actions with the selected parcels:
    - Zoom (Button 'zoom'). This causes the following behaviour:
      - The map **is** zooming and panning to the selected parcels.
      - The parcel(s) **are/is not** shown on the map.
    - Mark (Button 'Markeer'). This causes the following behaviour:
      - The map **is not** zooming and panning to the selected parcels.
      - The parcel(s) **are/is** shown on the map.
    - Remove ('Verwijder'). This causes the following behaviour:
      - The element is removed from the list of favourites.
      - If the element was marked on the map, this action removes the marker from the map.
    - Export ('Exporteer'). This causes the following behaviour:
      - The selected parcel(s) are saved in a JSON file.
      - The geometry of the parcel should be saved in the JSON file
      - The same attributes that are shown in the favourite list per parcel should be saved in the JSON file:
        - Municipality ('Gemeente')
        - Department ('Afdeling')
        - Section ('Sectie')
        - Parcel ('Perceelnummer')

4. Closing

- The user can close ('sluiten') the tool using:
  - the button 'sluiten'
  - the cross in the right upper corner

5. Questions and feedback based on meeting 20 mrt. 2023

5.1 Actions

- Is it possible to make it consistent and not mark the municipality, department, section or parcel when zooming to item?

- In which cases can the user select multiple (or all) elements from the **favourite** list and perform an action with all of the selected items?
  - Zoom?
  - Mark?
  - Remove?
  - Export?
- If selecting multiple items from the favourite or result list is possible, how can the user do that?
  - Using Ctrl and/or Shift? Or something else?
- Can we have the buttons 'Voeg toe', 'Zoom' below the result list **AND** have 'Zoom', 'Markeer', 'Verwijder' and 'Exporteer' below the favourite list?
  - This would give us two 'Zoom' buttons, once for the result list, once for the favourite list.

5.2 Closing

- Can we move the button the right bottom corner in the tool?