

Ausome Maps

Mapping of speech, occupational and physical therapy centers and updating of tags for educational institutions with SPED classes

<https://www.facebook.com/ausomemaps>

Outline

- Project overview
- What is ASD?
- State of the map
- Activity
- Join us



Hi , I'm Cham!

- **from the Philippines**
- **one of the founding members of GeoLadies PH**
- **product innovation manager at Iraya Energies**
- **supporter of the OSM community**
- **geomatics engineer by education**
- **university researcher with experience in energy, agriculture, blue-carbon, remote sensing and satellite images distribution platform**

 @c_mmdr

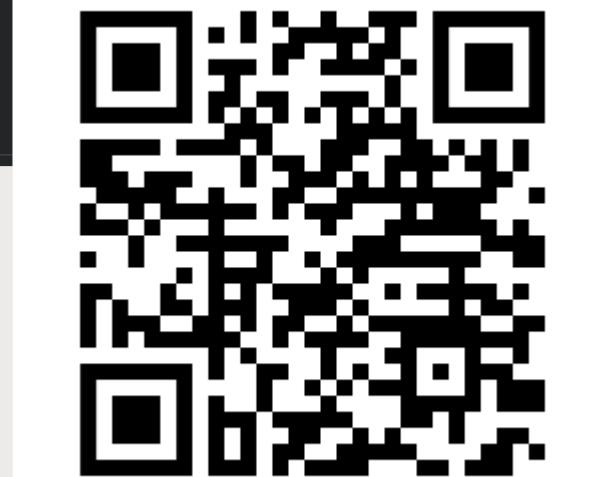
 chamthesleeptalker

 /charmynemamador/



Geoladies PH

1.1K likes • 1.2K followers



Search

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chamthesleeptalker

/charmynemamador/



read the earth better

Read the Earth **better**

The Earth is a **treasure trove of data**. Using AI-enabled and cloud native software, Iraya gathers and transforms **unstructured data** of the subsurface of the earth and surface facilities to find and produce the **best sources of energy**.



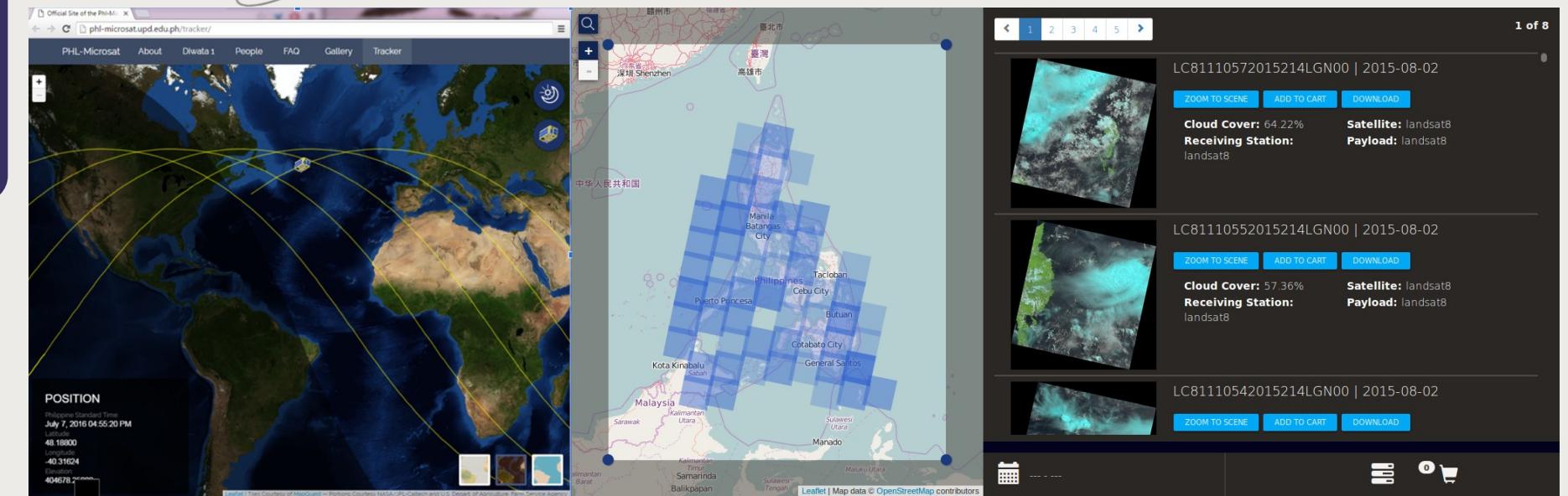
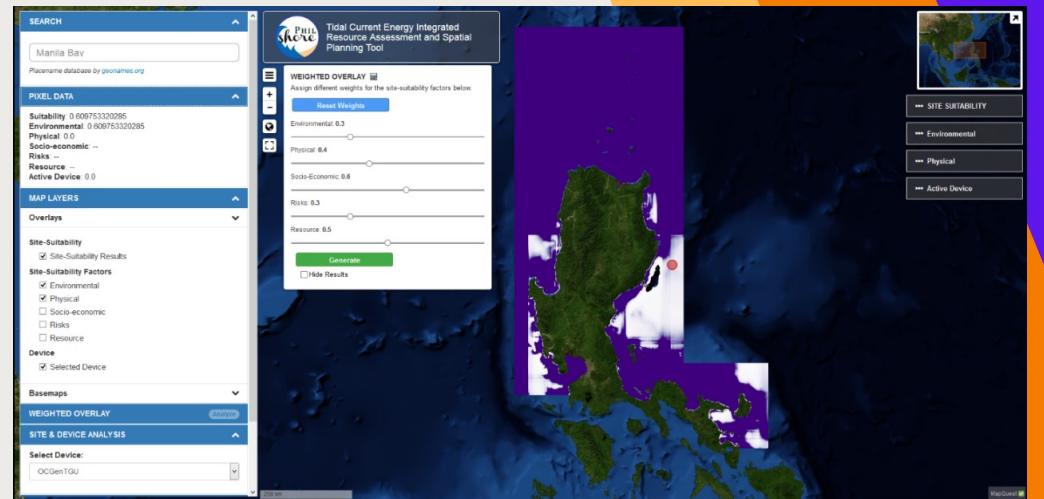
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 chamthesleepertalker

 /charmynemamador/



PROJECT OVERVIEW

What is ASD?

- Autism spectrum disorder (ASD) refers to a broad range of conditions characterized by challenges with social skills, repetitive behaviors, speech, and nonverbal communication.

1 in 100

- It is estimated that worldwide about one in 100 children has autism.



The state of the map

12 out of 5000

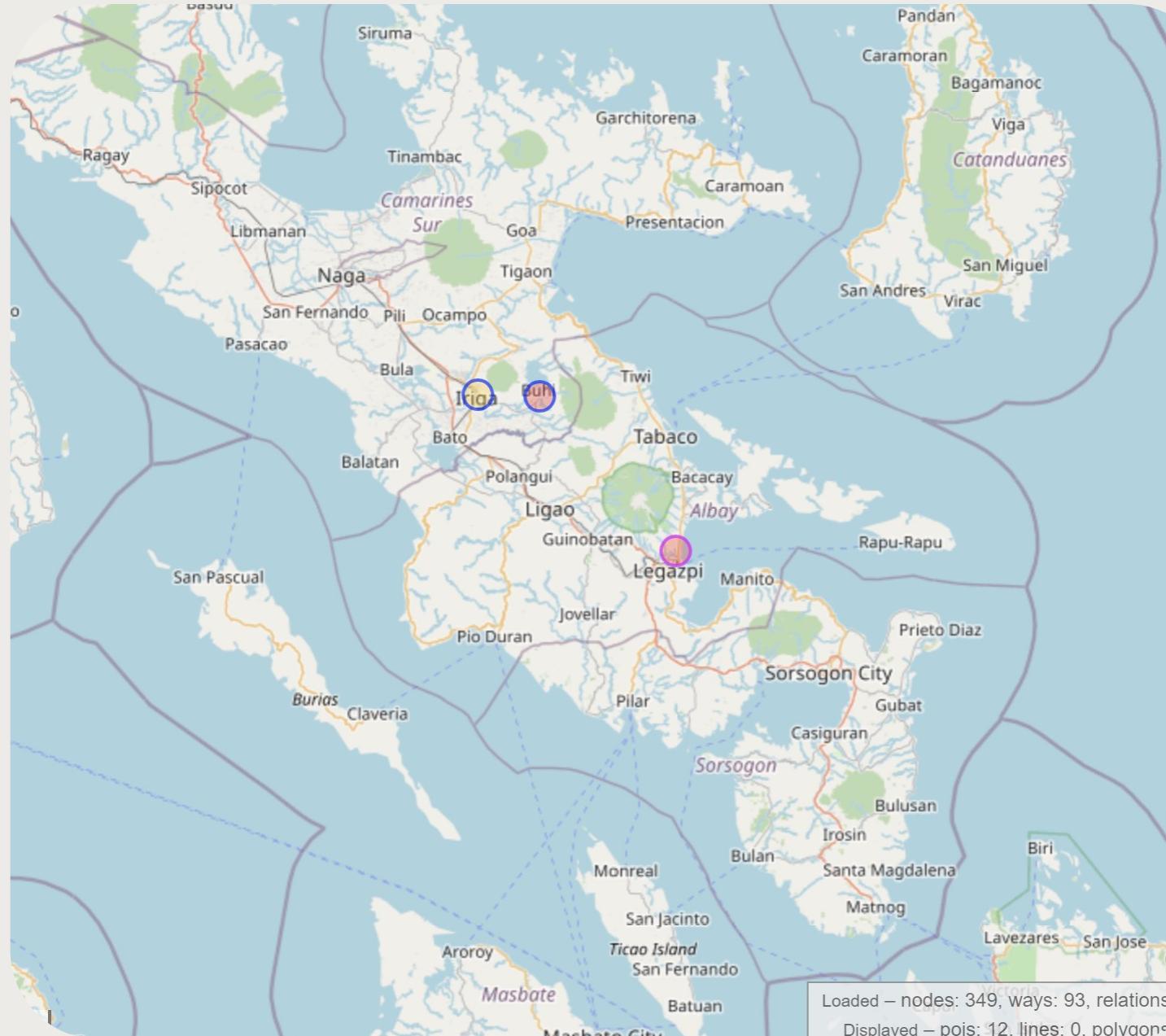
- In the Philippines, out of over 5000 points of interest (pois) identified as a school, only 12 are tagged as 'special needs'.

< 10

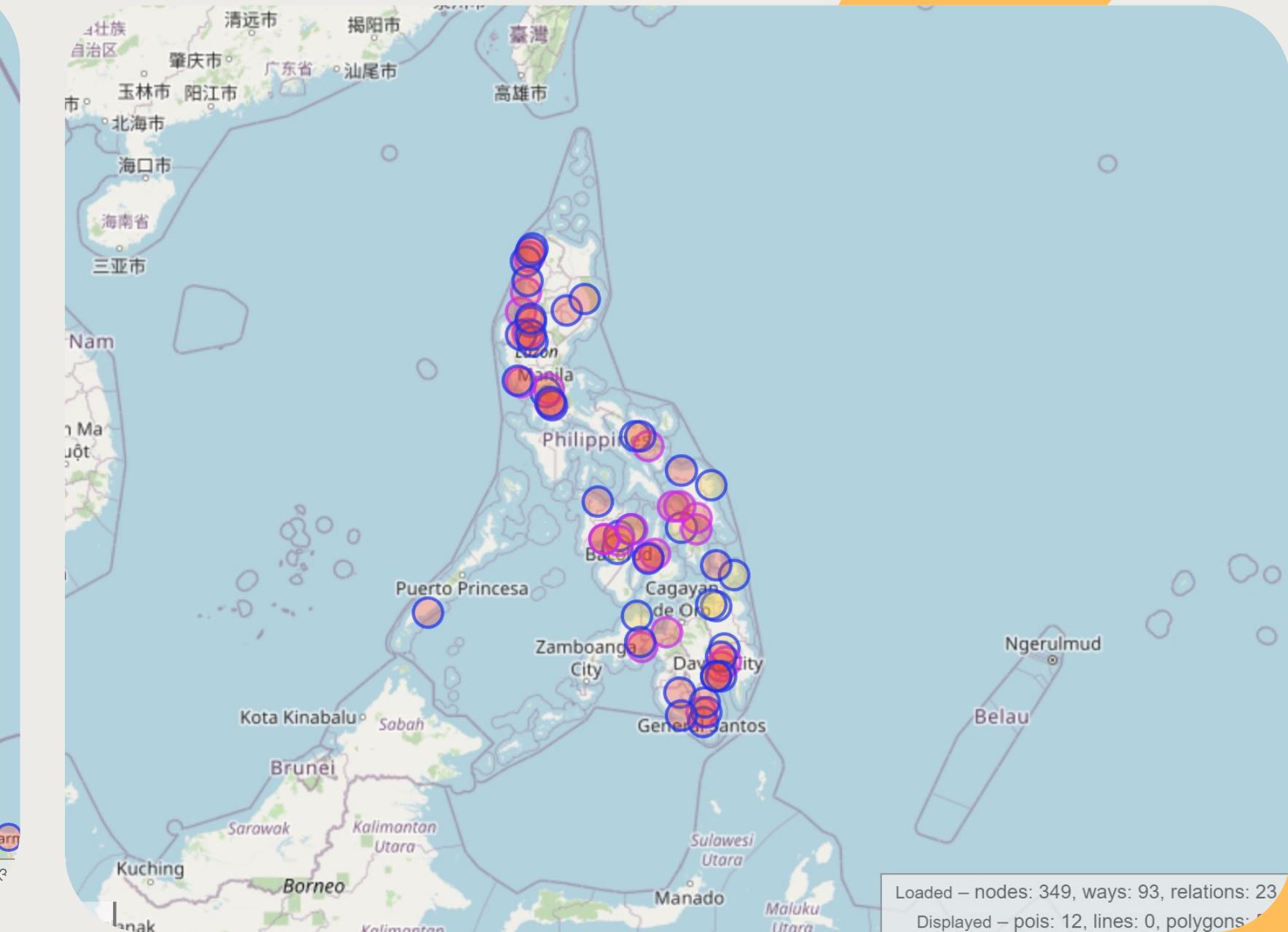
- Fewer than 10 pois are identified as places for therapy.



The state of the map



Bicol Region
specialized_education = special_needs

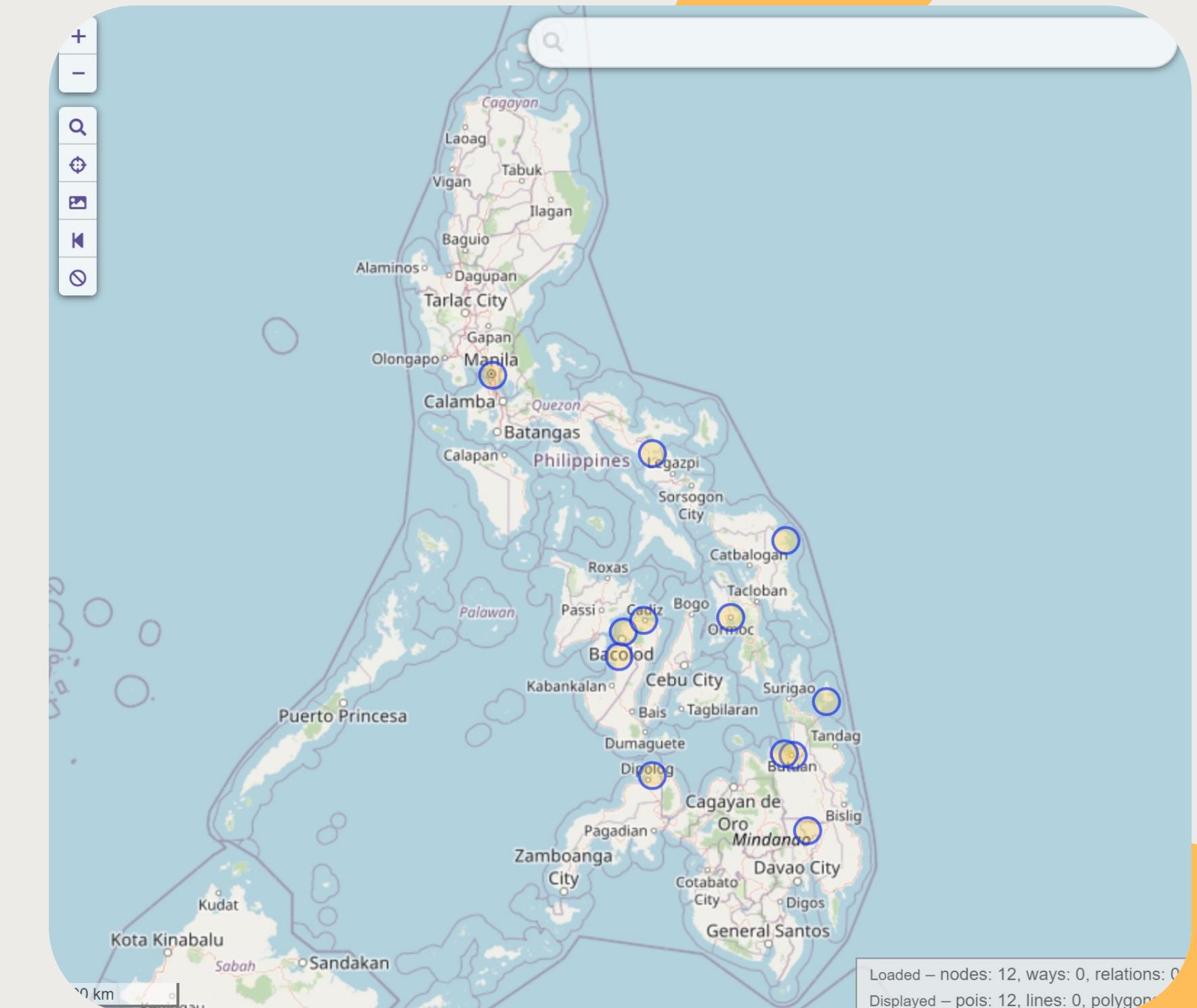


Philippines 12 Pois, 53 Polygons
specialized_education = special_needs

The state of the map

12 out of 5000

- In the Philippines, out of over 5000 points of interest (pois) identified as a school, only 12 are tagged as 'special needs'.



The state of the map

Existing organizations

- According to the Philippine Association of Speech Pathologists (PASP) and Philippine Academy of Occupational Therapists (PAOT), in NCR alone, there are over 40 clinics with speech therapy and 29 clinics with occupational therapy.

The National Council on Disability Affairs (NCDA) identified 71 schools to have special education classes in Quezon City alone.



40

CLINICS

NCR



29

CLINICS

NCR



71

SCHOOLS WITH SPED

QUEZON CITY

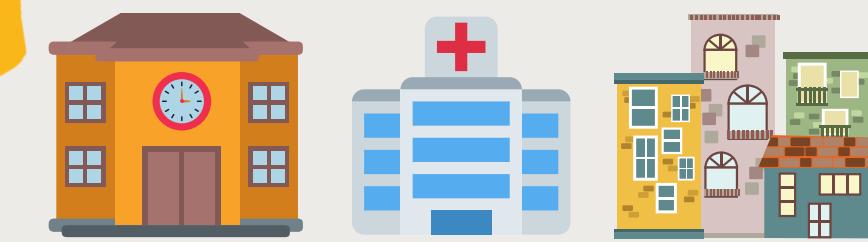
What can we do to help?

- Update and enrich our map by adding these therapy clinics, schools with SPED classes, and establishments geared toward the development of differently-abled Filipinos as pois in the map.
- Increased awareness and understanding about Autism Spectrum Disorder





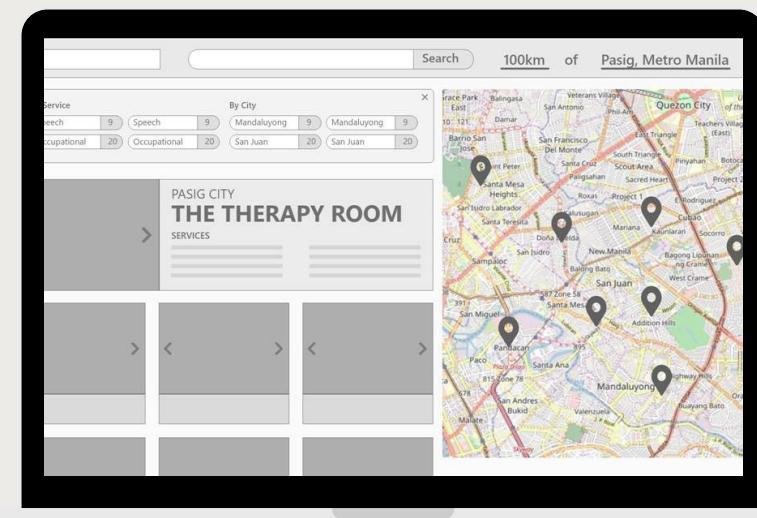
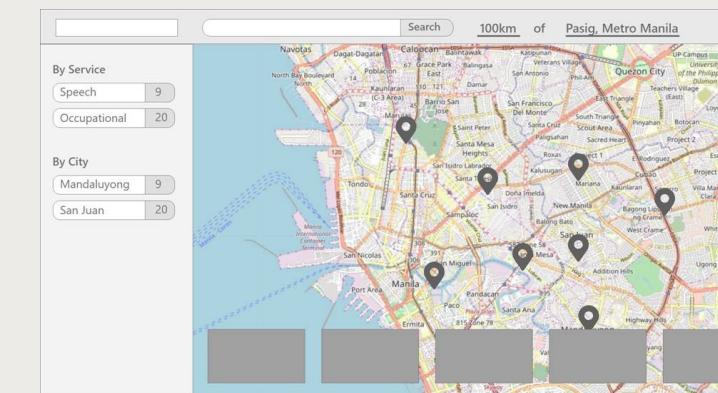
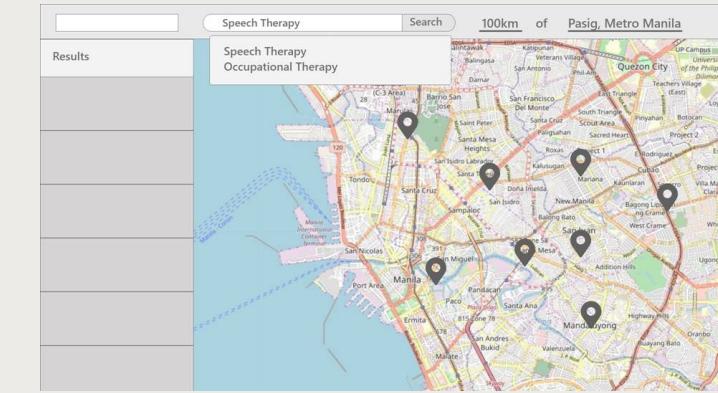
Locate facilities through the help of families, professionals and related organizations



Aside from schools and hospitals, such facilities can also be found in commercial buildings, malls, private clinics and so on.



Validate and upload data to OSM

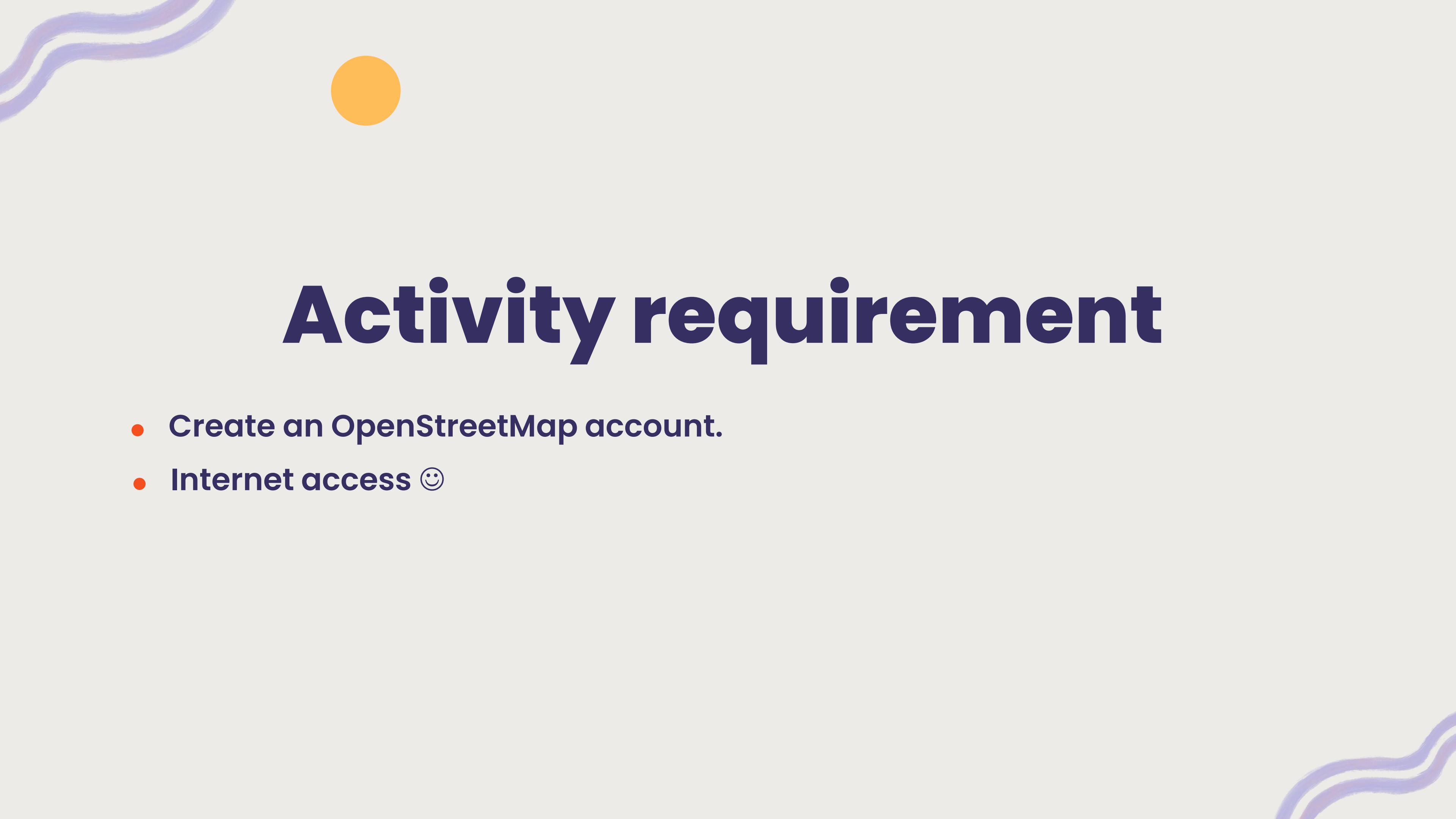


Create an application to display the added map information with simple search and filter features



Make our
maps more

AUSOME!!

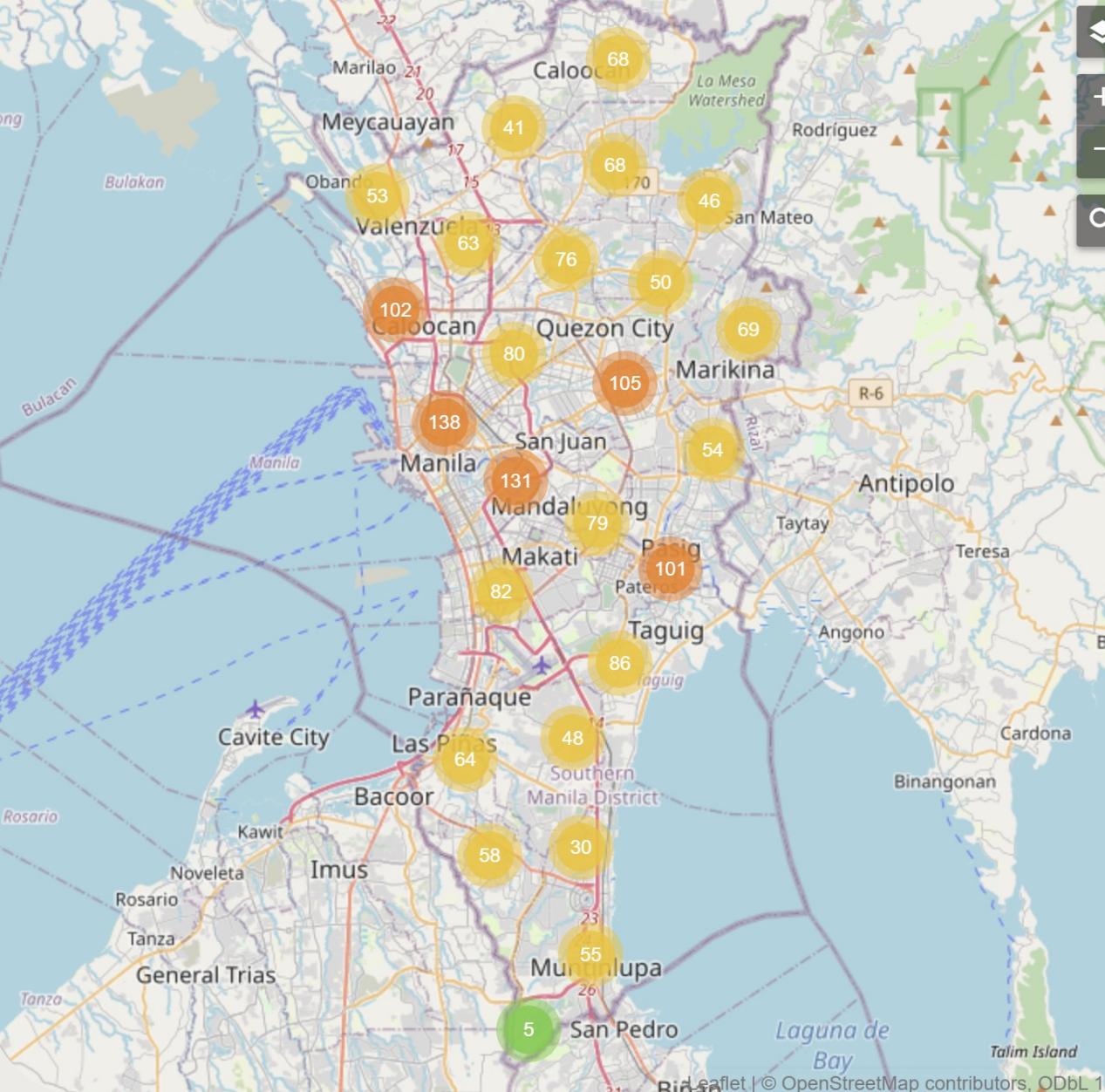


Activity requirement

- Create an OpenStreetMap account.
- Internet access ☺

Activity (30 mins)

 MapRoulette Find Challenges Leaderboard Learn Sign in



← Go Back

Ausome Maps - Updating school POIs in the Philippines to include special education tags

Ausome Maps - Updating school POIs in the Philippines to include special education tag

DIFFICULTY: Easy

TASK DATA SOURCED: November 23, 2022

[View Leaderboard](#)

Autism spectrum disorder (ASD) refers to a broad range of conditions characterized by challenges with social skills, repetitive behaviors, speech, and nonverbal communication.

It is estimated that worldwide about 1 in 100 children has autism. This translates to 1 in 100 families needing all the support they can get from the community to raise their children.

0% FIXED (0/1753) 0% SKIPPED (0/1753)
0% ALREADY FIXED (0/1753) 0% TOO HARD (0/1753)
0% NOT AN ISSUE (1/1753)

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

Tasks Remaining: 1,752 (100%) of 1,753

Avg time per task: 0m 47s

<https://www.maproulette.org/browse/challenges/30136>

Activity (30 mins)

1. Check school name on the formatted NCDA SPED centers list,
<https://tinyurl.com/ncdaspedNCR>
2. If found:
 - 2.1 update the 'In OSM' column on the spreadsheet to 'YES',
 - 2.2 If the school is listed, edit the feature in OSM and in the tags add **specialized_education=special_needs**. Save edits.
 - 2.3 Add comment, "Tag added through #ausomemapsph"
3. If not, add comment "No changes needed. Updated through #ausomemapsph"
4. Done! :)

Activity (30 mins)

MapRoulette Dashboard Find Challenges Leaderboard Learn

MY POINTS 2 9 lkpngnbn

Ausome Maps - Updating school POIs in the Philippines to include special education tags

Ausome Maps - Updating school POIs in the Philippines to include special education tag

TASK PROPERTIES

Task 142238896

@id	way/293966856
name	Singapore School Manila
osmid	way/293966856
amenity	school
addr:city	Parañaque
addr:street	Roxas Boulevard
addr:postcode	1700

INSTRUCTIONS

Imported from Ausome Maps PH

- If found: 2.1 update the 'In OSM' column on the spreadsheet to 'YES', 2.2 if the school caters to any of the following autism, ASD, ADHD, intellectual disability, learning disability, speech delay, add the specialized_education=special_needs. 2.3 Add comment, "Tag added through #ausomemapsph."
- If not, add comment "No changes needed. Updated through #ausomemapsph."
- Done! :)

The screenshot shows a user interface for a crowdsourcing task on the MapRoulette platform. The top navigation bar includes links for 'MapRoulette', 'Dashboard', 'Find Challenges', 'Leaderboard', and 'Learn'. The user's profile is shown on the right with the handle 'lkpngnbn'. The main content area displays a task titled 'Ausome Maps - Updating school POIs in the Philippines to include special education tags'. Below the title is a link to 'Ausome Maps - Updating school POIs in the Philippines to include special education tag'. The task properties section shows details for Task 142238896, including the OSM ID, name ('Singapore School Manila'), amenity ('school'), address ('Parañaque', 'Roxas Boulevard', '1700'), and OSM ID ('way/293966856'). The instructions provide specific steps for updating the OSM data based on whether the school caters to special needs. The main map view shows a section of Roxas Boulevard in Parañaque, with the 'Singapore School Manila' building highlighted by a blue box. The map also shows other buildings like Jollibee, Ministop, 7-Eleven, and Red Planet Hotels, along with roads like Bradco Avenue, Cuenca Street, Molina Street, and Maceda Drive, and an LRT Line 1.

Activity (30 mins)

Ausome Maps - Updating school POIs in the Philippines to include special education tags  ...

Ausome Maps - Updating school POIs in the Philippines to include special education tag

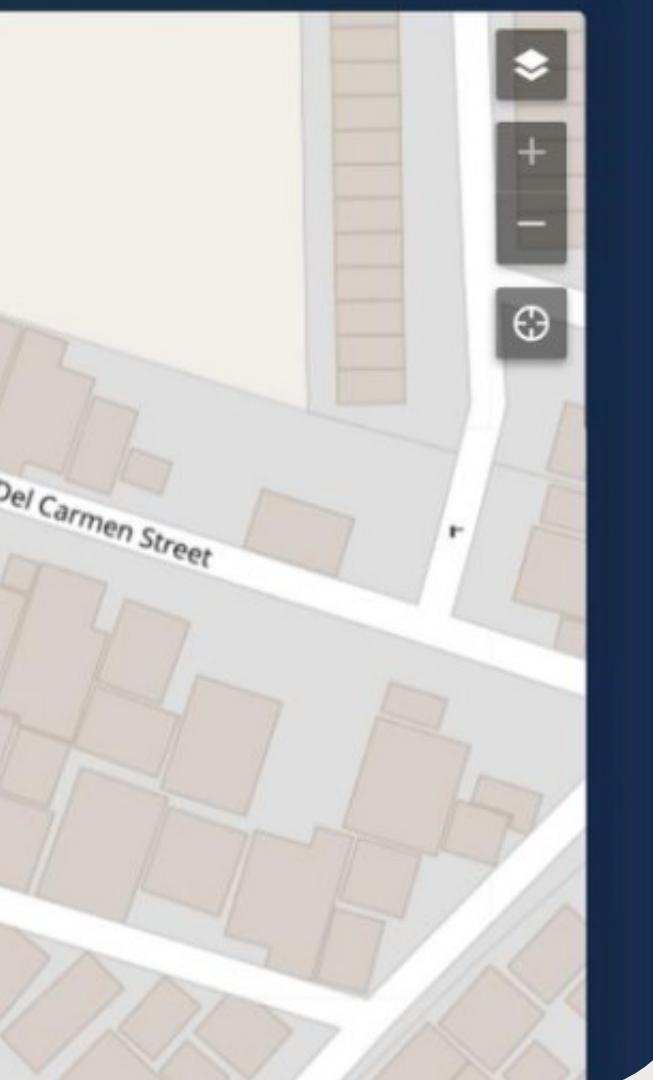
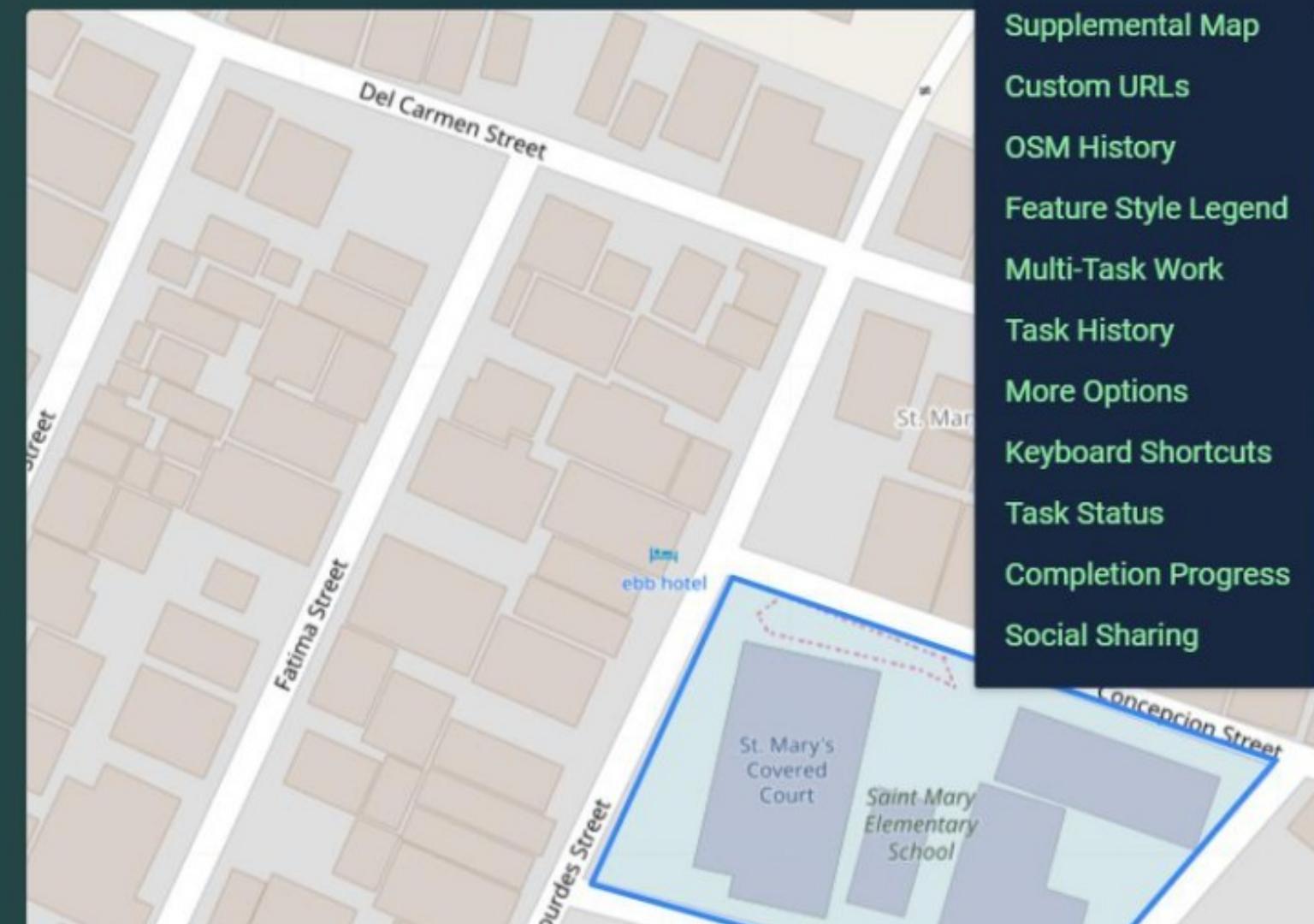
Layout Name: Task Completion  Add Widget  Done Editing Cancel

TASK PROPERTIES 

Task 142239015	
@id	way/446778587
ref	136686
name	Saint Mary Elementary School
osmid	way/446778587
source	Department of Education, Philippines

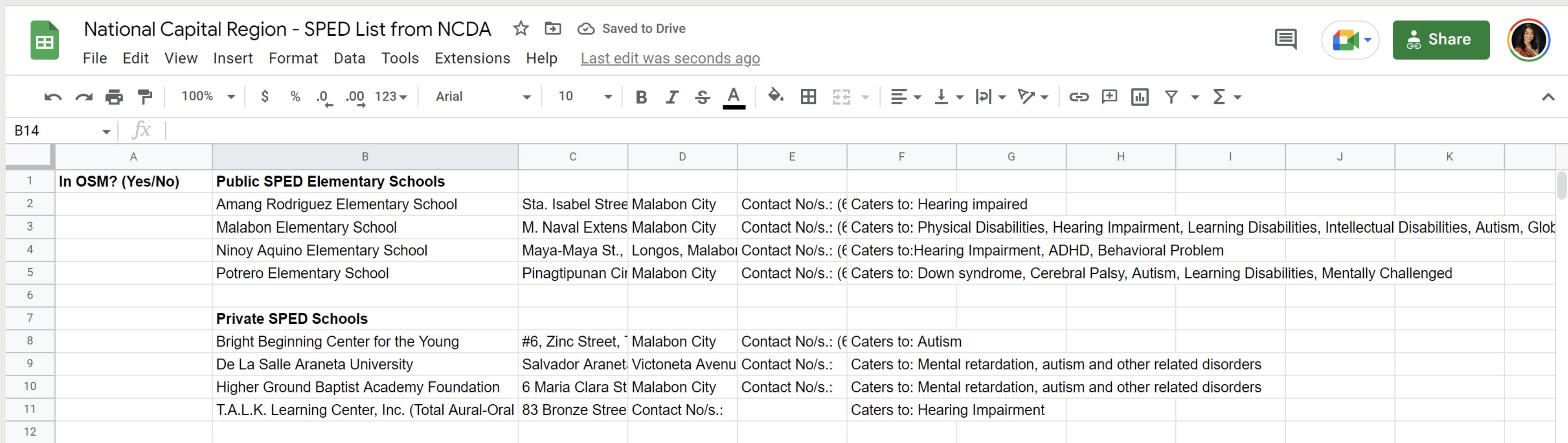
INSTRUCTIONS 

2. If found, 2.1 update the ~~in OSM~~ column on the spreadsheet to 'YES', 2.2 If the school caters to any of the following autism, ASD, ADHD, intellectual disability, learning disability, speech delay, add the specialized_education=special_needs. 2.3 Add comment, "Tag added through #ausomemapsph."
3. If not, add comment "No changes needed. Updated through #ausomemapsph."
4. Done! :)



Activity (30 mins)

Check school name on the formatted NCDA SPED centers list,
<https://tinyurl.com/ncdaspedNCR>



National Capital Region - SPED List from NCDA											
File Edit View Insert Format Data Tools Extensions Help Last edit was seconds ago											
B14											
	A	B	C	D	E	F	G	H	I	J	K
1	In OSM? (Yes/No)	Public SPED Elementary Schools									
2		Amang Rodriguez Elementary School	Sta. Isabel Street Malabon City	Contact No/s.: (6 Caters to: Hearing impaired							
3		Malabon Elementary School	M. Naval Extens Malabon City	Contact No/s.: (6 Caters to: Physical Disabilities, Hearing Impairment, Learning Disabilities, Intellectual Disabilities, Autism, Glob							
4		Ninoy Aquino Elementary School	Maya-Maya St., Longos, Malabon	Contact No/s.: (6 Caters to: Hearing Impairment, ADHD, Behavioral Problem							
5		Potrero Elementary School	Pinagtipunan Circle Malabon City	Contact No/s.: (6 Caters to: Down syndrome, Cerebral Palsy, Autism, Learning Disabilities, Mentally Challenged							
6											
7		Private SPED Schools									
8		Bright Beginning Center for the Young	#6, Zinc Street, Malabon City	Contact No/s.: (6 Caters to: Autism							
9		De La Salle Araneta University	Salvador Araneta Victoneta Avenue	Contact No/s.: Caters to: Mental retardation, autism and other related disorders							
10		Higher Ground Baptist Academy Foundation	6 Maria Clara St Malabon City	Contact No/s.: Caters to: Mental retardation, autism and other related disorders							
11		T.A.L.K. Learning Center, Inc. (Total Aural-Oral	83 Bronze Street	Contact No/s.: Caters to: Hearing Impairment							
12											

Ctrl+F (make sure you're searching through the whole spreadsheet)

Activity (30 mins)

Can't find through CTRL+F, check the city on the TASK PROPERTIES, go to the tab for that city on the spreadsheet and see if the school is listed in a somehow different name.

City	School Name	Contact Information	Caters to
Manila	Manila High School	Victoria Muralla, Contact No/s.: (02) 521-4199	Caters to: Hearing Impairment
Manila	Ramon Magsaysay (Manila) High School	España Bouleva Contact No/s.: (0 website: http://rn	Caters to: Hearing Impairment, Visual Impairment
Private SPED School			
Manila	Brother of Charity Ortho-Pedagogical Institute	2002 Jesus Stre Contact No/s.: (632) 564-0197; 33	Caters to: Autism, mentally challenged
Manila	Cerecare Philippines, Inc.	3894 J & T Towe Sta. Mesa, Mani Contact No/s.: (6	Caters to: Mental retardation, autism and other related disorders
Manila	Sergia G. Esguerra Memorial Foundation, Inc.	Girls Scout Headquarters, Nagtal Contact No/s.: (6	Caters to: Hearing Impaired, Down Syndrome, Speech Defect
Manila	St. Dymphna SPED Intervention Center	Block 1 Unit 17 H. Lopez Blvd., Contact No/s.: (6	Caters to: Autism, Down Syndrome, Cognitive Impairment, ADHD, Learning Disabil
Manila	St. John of God Special School	1126 R. Hidalgo Quiapo, Manila Contact No/s.: (6	Caters to: Hearing Impairment, Autism, ADHD, Speech Delay
Manila	The Lights of Patriarchs Special Education Cente	2/F Miracle Bldg Sampaloc, Manil Contact No/s.: (6	Caters to: Mental retardation, autism & other related disorders

Ctrl+F (make sure you're searching through the whole spreadsheet)

Activity (30 mins)

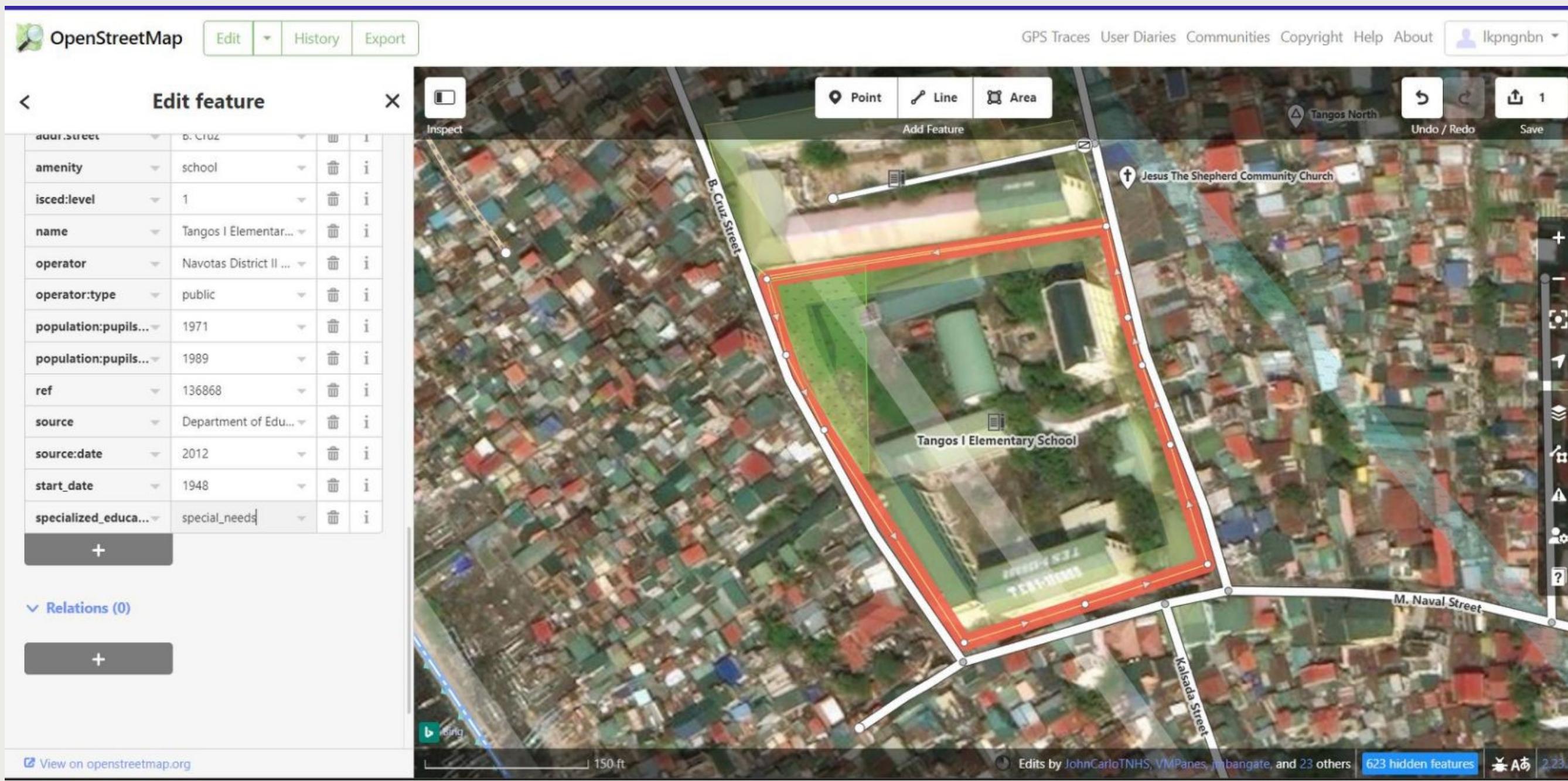
Update spreadsheet if you found the school in OSM.

The screenshot shows a Google Sheets spreadsheet with the following details:

- Title:** National Capital Region - SPED List from NCDA
- Toolbar:** Includes icons for file operations, zoom (100%), currency (\$), percentage (%), number (.0), date (.00), and time (123). It also shows font (Arial), font size (10), bold (B), italic (I), underline (U), and alignment tools.
- Header Row:** A3 contains the formula `=fx`. The columns are labeled A through I.
- Data Rows:**
 - Row 1: **In OSM? (Yes/No)** Public SPED Elementary School
 - Row 2: San Roque Elementary School, Leongson, San Navotas City | Contact No/s.: (632) 282-0096
 - Row 3: Yes | Tangos I Elementary School, B. Cruz Street, T Navotas City | Contact No/s.: (632) 351-5280 | Caters to: Intellectual Disabilities, Autism, Down Syndrome
 - Row 4: (empty)

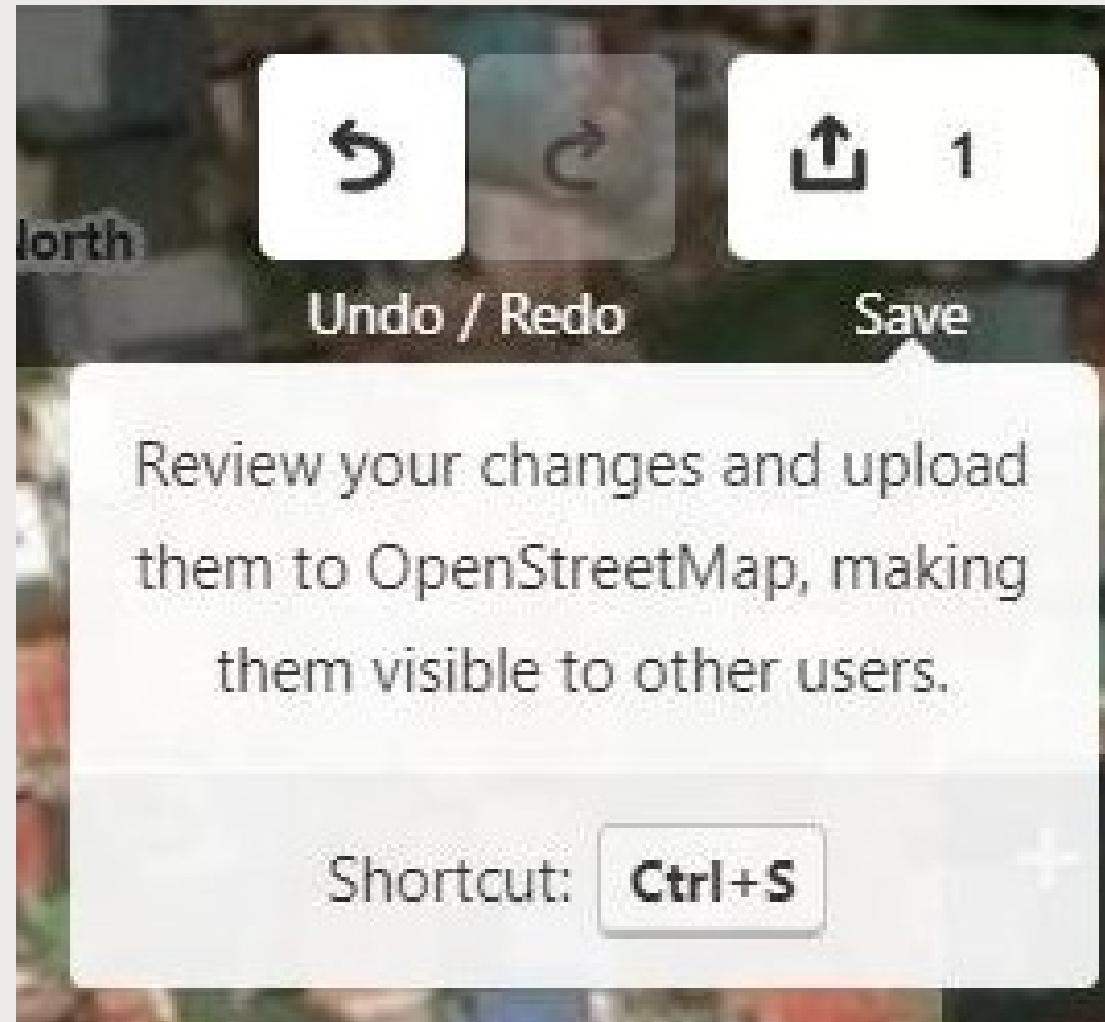
Activity (30 mins)

Go back to MR and click EDIT.
Under tags, add the **specialized_education=special_needs** tag



Activity (30 mins)

Save your edits!



Activity (30 mins)

 OpenStreetMap

Edit History Export

You just edited OpenStreetMap! X

Thank you for improving the map around Navotas, Philippines.

Your changes should appear on OpenStreetMap within a few minutes. It may take longer for maps elsewhere to receive updates. [Details](#)

 [View Changes on OSM](#)
Your changeset #: 129259143

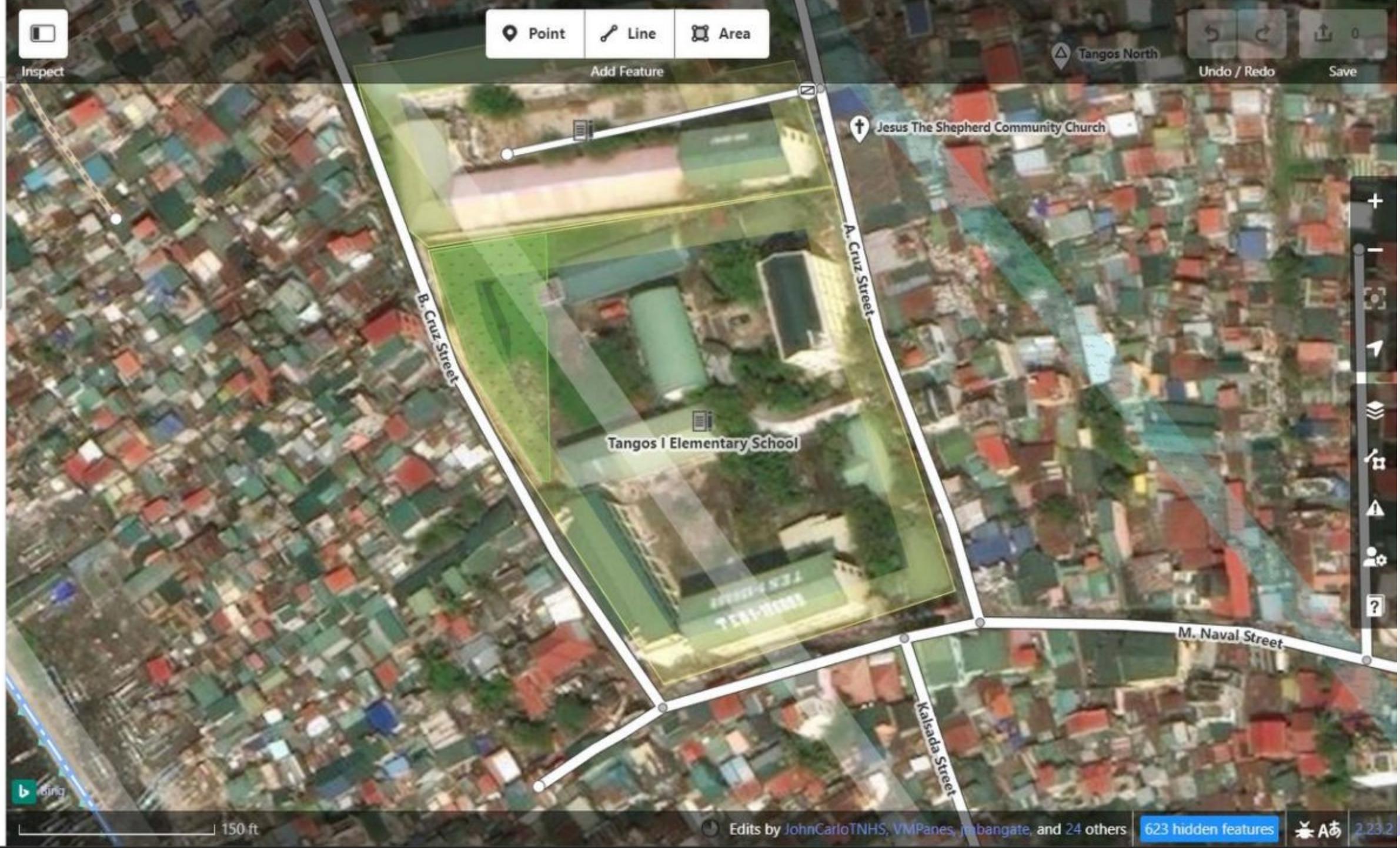
Like OpenStreetMap? Connect with others:

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[More](#)

 [YouthMappers UP Resilience Institute](#)
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Activity (30 mins)

Go back to MR, click 'I fixed it!'

name Senator Benigno S. Aquino Jr. Elementary School

osmid way/997056708

source Department of

INSTRUCTIONS

1. Check school name on the formatted NCDA SPED centers list, <https://tinyurl.com/ncdaspedNCR>
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- 2.3 Add comment, "Tag added through #ausomemapsph."
3. If not, add comment "No changes needed. Updated through

COMPLETION

Add MR Tags

I fixed it! **Too hard / Can't see**

Already fixed **Not an Issue**

Other...

Cancel Editing

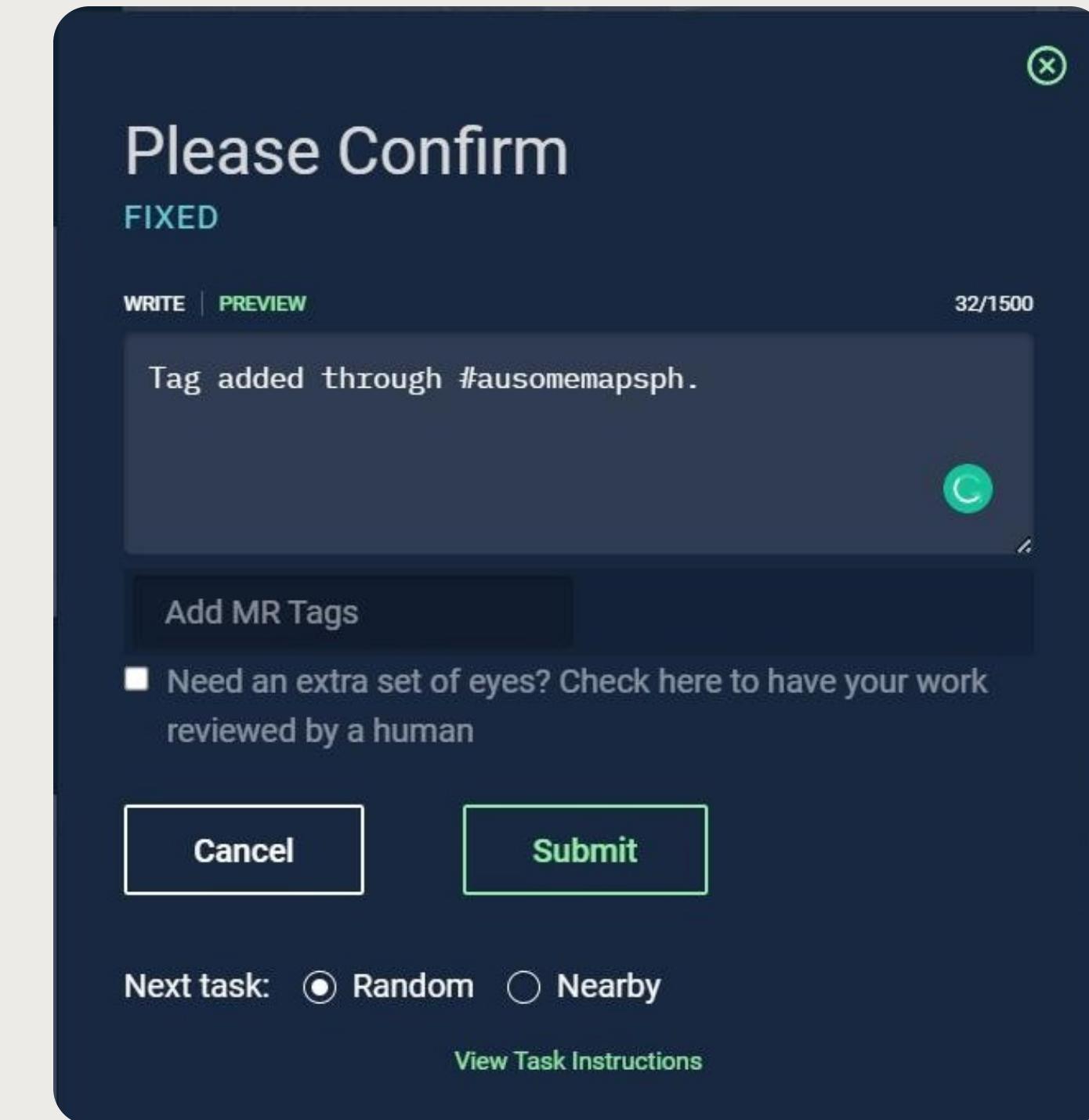
LOCATION

Activity (30 mins)

Write 'Tag added through
#ausomemapsph'

Click Submit!

You'll be presented the
next task.





Way forward

Speech Therapy Search 100km of Pasig, Metro Manila

Results

Speech Therapy
Occupational Therapy

Service By City

Speech 9 Mandaluyong 9
Occupational 20 San Juan 20

By Service

Speech 9
Occupational 20

By City

Mandaluyong 9
San Juan 20

Initial app design

Search 100km of Pasig, Metro Manila

Service By City

Speech 9 Mandaluyong 9
Occupational 20 San Juan 20

PASIG CITY
THE THERAPY ROOM

SERVICES



This project is funded through
She Leads & She Inspires:
Open Mapping Leadership
Grant



Core volunteers (Join us!)



Francine Soriano
Data Lead



Anna Pamela Cargo
Trainings Lead



Charlyne Mamador
Ausome Place Lead



Renz Puertollano
Creatives Lead



Jambay Dema
Social Media Manager

Be updated. Follow us!

Make our
maps more
AUSOME!!

Ausome Maps

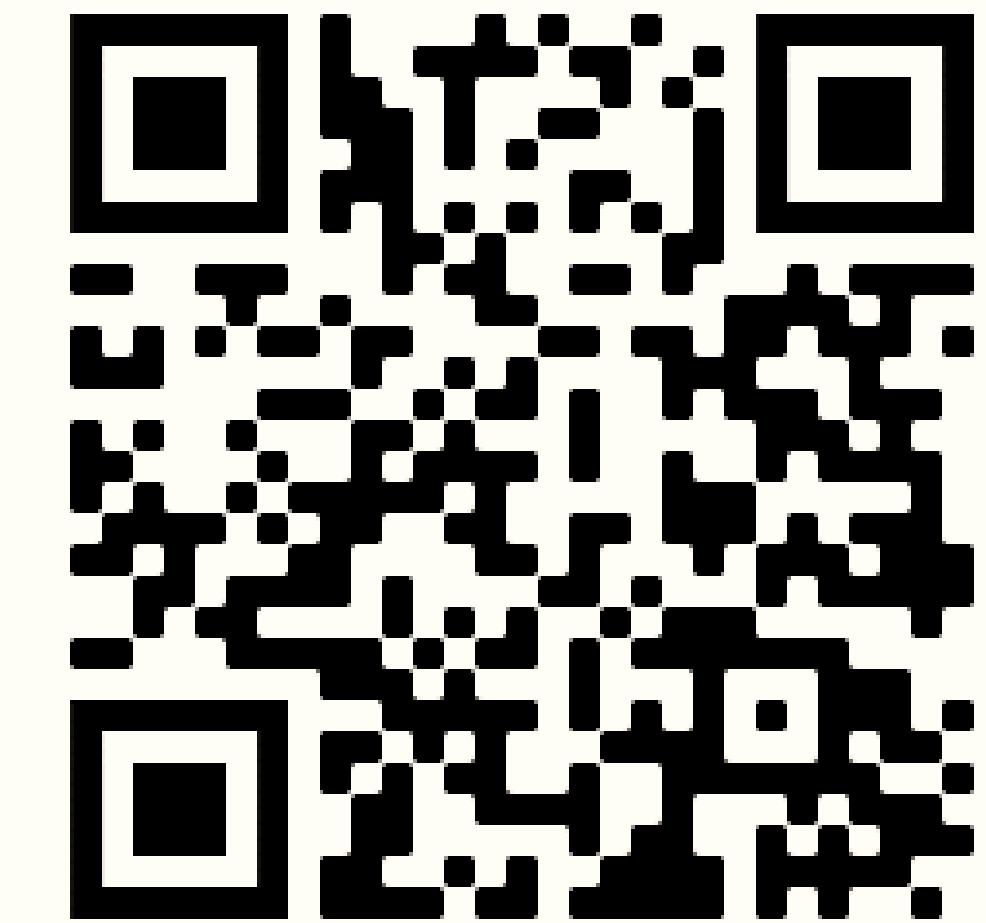
17 likes • 31 followers



Liked

Message

Search



Thank you
for making
our maps

AUSOME!!