Database Maintenance

Achievement Standard	Current Situation	Desired State	Action Plan
Standalone database that can integrate query wise with other projects using SPARQL and RDF	Many links to Wikidata instead of ParaSports, which limits standalone ability and functionality.	Remove Wikidata links. Add links to ParaSports Data. Add tools customized to ParaSports Data.	Ask Miguel to look into this; Contact developers of Wikibase software for help to remove while keeping functionality; and Recruit other developers to assist in resolving problems.
Automated update of SPAQRL query engine after data input.	Miguel currently needs to manually restart after data is input.	RDF to SPARQL engine updates more regularly, especially after manual non-automated input.	Get a more robust host that has more memory, RAM and storage; Get more funding to improve hosting situation; Examine how Wikidata does such updating and consult other developers using Wikibase for solutions; and Temporarily set up an automated update on daily basis for manual input.

Database Input

Achievement Standard	Current Situation	Desired State	Action Plan
Easy allow industry stakeholders to bulk upload data.	Only Laura can easily upload data, by sending an Excel file to Miguel to update.	Input tool that people with permission can use to easily upload data using.	Explore how other organizations bulk upload to Wikidata; Recruit developers to assist in creating tools to allow bulk upload: and Encourage Miguel to create tool to allow bulk upload via Dropbox or similar tool.
Easily allow Laura to bulk upload data.	Laura needs to send Miguel file, which Miguel uploads when he has time.	Miguel not required for this step, except to potentially check for errors in why uploads fail.	Encourage Miguel to create tool to allow upload via Dropbox or similar tool.
Easier to manually add small amounts of data to ParaSports Data other than through item page.	Only two options for inputting data: Miguel or ParaSports Data Wikibase interface.	Alternative interface to manually edit ParaSports Data, especially when dealing with large amounts of manual edits.	Explore how Wikidata does this; Install and customize tools designed for Wikidata to facilitate easier data input; Find developers to assist in creating a new solution: and Improve hosting situation to make it easier to create and add tools.

Database Normalization

Achievement Standard	Current Situation	Desired State	Action Plan
Fewer issues with creating multiple items about same topic.	Manually done by hand to merge items; and Manually done through checking data input sheets before uploading.	Automated tool to check to see if enough like properties to suggest mismatch in name.	Investigate options for data normalization that can be added to existing upload work flow; Improve server situation to allow for newer, more automated solutions; and Find tool to better deal with item mergers leaving redirects to outdated items behind.
Fewer issues with multiple topics being found on same item because of same name.	Manually done by hand to separate items; and Manually done through checking data input sheets before uploading.	Automated tool which suggests mismatch in items to say these are different topics.	Investigate options for data normalization that can be added to existing upload work flow; Improve server situation to allow for newer, more automated solution; and Get developed to create a tool that allows for easier separating of like items by copying complete item and then manually removing irrelevant statements.

Database Output

Achievement Standard	Current Situation	Desired State	Action Plan
Data output is made more easily accessible for less tech savvy stake holders.	Users need to be familiar with SPARQL or know someone who can write queries for them. to extract data	SPARQL Query Engine is easier to use; More people can assist in writing queries; More tools for less tech savvy users to interact with data.	Examine existing Wikidata solutions to see if any can be modified to work for ParaSports Data; Create tutorials for writing queries and using SPARQL Query Engine; Remove proprietary Wikidata links from ParaSports Data Query Engine; and Find developer to assist in making more user-friendly output solution.
Data output exists to facilitate writing of prose for news articles, and athlete and location profiles.	Data needs to be manually extracted, and then used on its own to create prose content. No automated tools.	Lua server installed, with templates created to automatically generate content on a Mediawiki install.	Find a Lua programmer to assist in installing Lua server; Find someone who can assist in creating templates for Mediawiki install; and Develop tool to export prose generated content to WordPress for re-use by other stakeholders.
Thematic mobile apps available for phones to allow people to explore data around specific topics.	No mobile applications exist.	Mobile applications exist.	Examine Wikimedia Foundation existing mobile apps for potential solution; Find a mobile developer to assist in creating a mobile app.

Funding

Achievement Standard	Current Situation	Desired State	Action Plan
ParaSports Data has enough funding to be self-sustaining.	Laura funds ParaSports Data out of own pocket. Unable to apply for grants as not organization or cost to accept grant is more than the grant itself.	ParaSports Data does not require Laura pay money out of pocket to maintain.	Seek funding sources: and Seek organizational setup to allow for accepting of funding to facilitate accepting of funding.
Laura Hale can be paid to work on ParaSports Data full time.	Laura works on ParaSports Data as a passion project, with assistance from Miguel on the development side.	ParaSports Data grows with Laura Hale at the helm in a position that gives her renumeration.	Seek funding sources: and Seek organizational setup to allow for accepting of funding to facilitate accepting of funding.
ParaSports Data has money to hire developers to work on items identified in action plan.	Miguel volunteers for free; and Some assistance when asked by Wikidata community about specific technical issues.	ParaSports Data can afford developers to address issues identified by Gap Analysis.	Seek funding sources: and Seek organizational setup to allow for accepting of funding to facilitate accepting of funding.