# DESIGN: GLDW Registration

## MySQL Database

|  |  |
| --- | --- |
| Database | gldw\_registration |
| User | gldw |
|  | Database exclaimed |
|  |  |

## Types

|  |  |
| --- | --- |
| User | Registers a user of GLDW. All other types of registration require this.  This will become the Wordpress users. |
| Organization | Registers an organization in GLDW. |
| Data Source | Registers a data originator for GLDW |
| Data Tap | Registers an automated data consumer for GLDW |

## User

|  |  |  |
| --- | --- | --- |
| Username\* |  |  |
| Email\* |  |  |
| Organization |  |  |
| FirstName |  |  |
| LastName |  |  |
| Website |  |  |
| StreetAddress |  |  |
| City |  |  |
| State |  |  |
| PostalCode |  |  |
|  |  |  |

## Organization

|  |  |  |
| --- | --- | --- |
| OrganizationName\* |  |  |
| PrimaryContact |  |  |
| SecondaryContact |  |  |
| Industry |  |  |
| OrganizationType |  |  |
| Website |  |  |
|  |  |  |
| StreetAddress |  |  |
| City |  |  |
| State |  |  |
| PostalCode |  |  |

## Data Source

|  |  |  |
| --- | --- | --- |
| Owner\* |  | This must be a registered user |
| Organization |  | This must be a registered organization |
| GeoLocationType | Stationary  Mobile  Mobile Fenced | Identify whether the GeoLocation associated with the data is coming from a fixed or mobile location. |
| SourceType | API  Messaging  VDAB |  |
| DataQuality | High  Low  Test |  |
| VDABCloudNeeded | Yes or No |  |
| Data | LakeErie  GreatLakes  RockyRiver  …. |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Data Tap

|  |  |  |
| --- | --- | --- |
| Owner\* |  | This must be a registered user |
| Organization |  | This must be a registered organization |
| TapSource\* |  | Enter the location of the VDAB Tap source that will be receiving the data |
| TappedLocation\* |  | Enter the GLDW container that you would like to tap. This can be any of the containers in the VDAB watershed |
| DataContainer |  | The name of the container for the desired data. |
| DataPath |  | The path of the desired data. |
| DataLabel |  | The label of the desired data |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## NOTES\_REFERENCE

