Logical View

Supermetrics\StorageTask

Models

```
\StorageTask\DataStorage\StorableObjectDataBase
```

```
          © User
Storable object of User
● public string getID()
● public void setID(string $newID)
● public string getName()
● public void setName(string $newName)
```

DataStorage

```
                          ① DataStorage
Interface for storing data objects
● public addObject(StorableObjectData $object) //adds an object to the data store
● public findObject(StorableObjectDefinition $object_definition, string $search_property_name, $search_property_value): ?StorableObjectData //finds an object in the data store
```

```
                    © MySQLDataStorage
MySQL implementation of data storage
● public addObject(StorableObjectData $object)
● public findObject(StorableObjectDefinition $object_definition, string $search_property_name, $search_property_value): ?StorableObjectData
```

```
                  ① StorableObjectData
Interface for all storable objects
● public getAllProperties():array // gets all storable properties
● public setAllProperties(array $properties) // sets all storable properties
● getDefinition(): StorableObjectDefinition // gets definition of current model
```

```
                  Ⓐ StorableObjectDataBase
Base class for all storable objects, provides container for all defined properties
● public getAllProperties(): array
● public setAllProperties(array $properties)
```

```
                  ① StorableObjectDefinition
Interface for an object that defines properties of a StorableObject
Used by data storage for identifying how to store and retrieve the object
getModelName(): string //gets name of the model that this definition defines
getFactoryMethod(): callable // creates a new StorableObject
getPropertyNames(): array // gets all storable property names
```