# CleanAtlantic

## Tackling Marine Litter
## in the Atlantic Area

# Marine Litter LOC-app

### Annex: Data Base Schema

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# Annex: Data Base Schema

## 1. BACKGROUND

In the framework of CleanAtlantic project, the Technological Institute for the Marine Environment Monitoring of Galicia (INTECMAR) developed the mobile application *Marine Litter LOC-app* with the objective of facilitate and homogenize data collection of marine litter pilled-up areas along the coast.

*Marine Litter LOC-app* allows geolocalizate the zones of accumulation, their characteristics and dimensions, add pictures and comments, as well as collect specific information about the marine litter. *Marine Litter LOC- app* was created with the purpose of being used during managed monitoring sessions where a coordinator (with the profile of Administrator) must previously choose those sector that will be monitored and must assign each sector to whom will collect data (with the profile of User).

*Marine Litter LOC-app* has three help manuals and an annex:

- Installation Manual.
- Administrator Manual .
- User Manual.
- Annex: Diagram of the data base (content in this document).

## 2. DATA BASE

The application administrator is the privileged user to perform the following tasks:
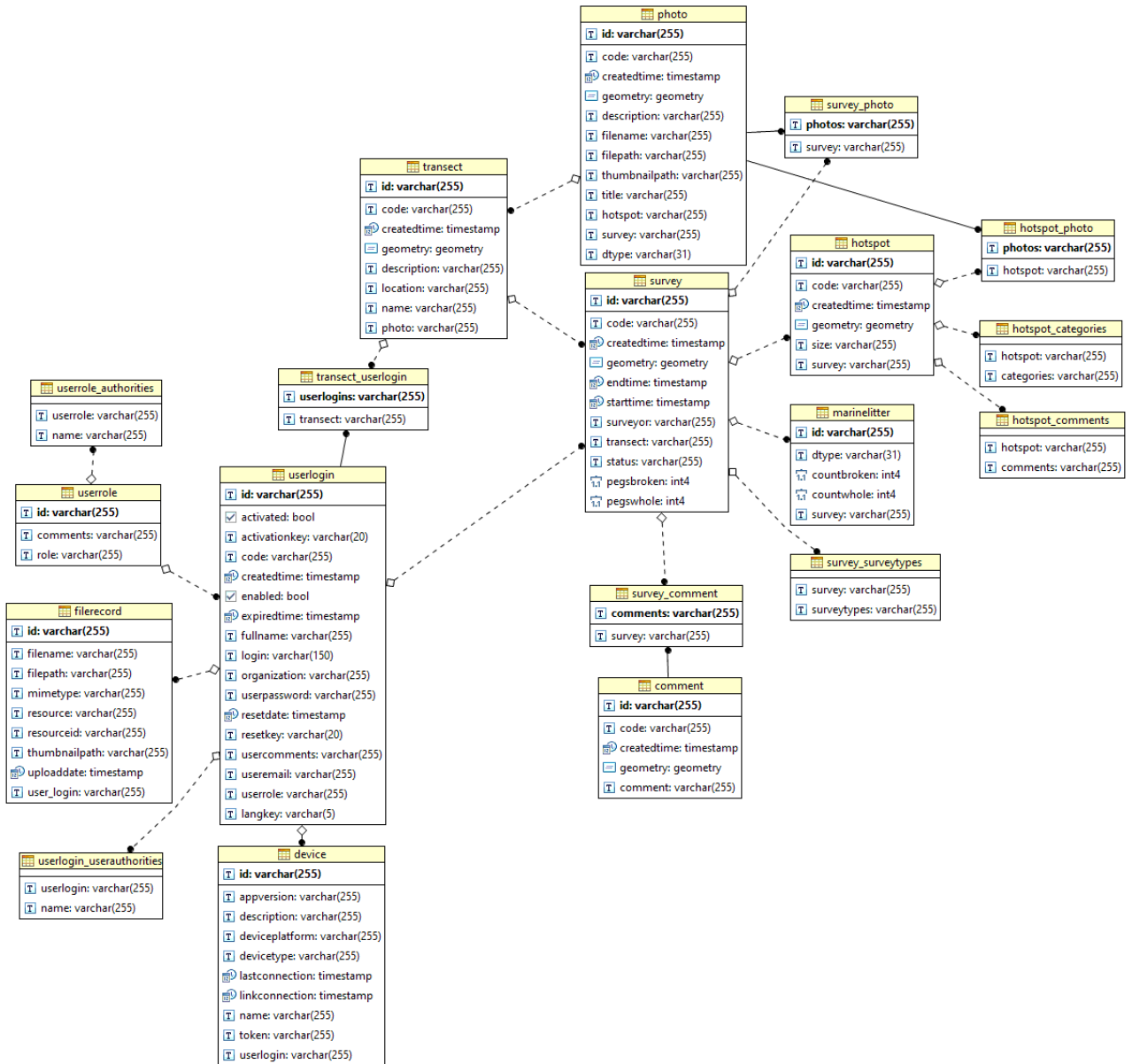
*Marine Litter LOC-app* stores the data of hotspots, segments and users in a PostgreSQL database, with the GIS plugin, PostGIS.

The following figure shows the Entity-Relation schema of the database. The Administrator should use the next three tables:

- userlogin: This table collects information from all users of the application.
- transect: each of the segments to be inspected.
- transect_userlogin: A table that relates users to transects.
    1.

All other tables are managed by the application.

## 3. CONTACT INFORMATION

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