

Documentation Technique projet could S5: Mise a jour 27/01/2026

Groupe : ETU003275,ETU003342,ETU003344,ETU003389

Backend : Nestjs

Frontend-web: React

Mobile : Ionic vuejs + capacitor

Offline map server web: Tileservcer

Js pour map styling : maplibre

Authentification web : Firebase authentification

Synchronisation database offline/firebase : Firestore Database

Docker-images : node-20-alpine, postgresql-16-alpine, mptiler/tileservcer-gl

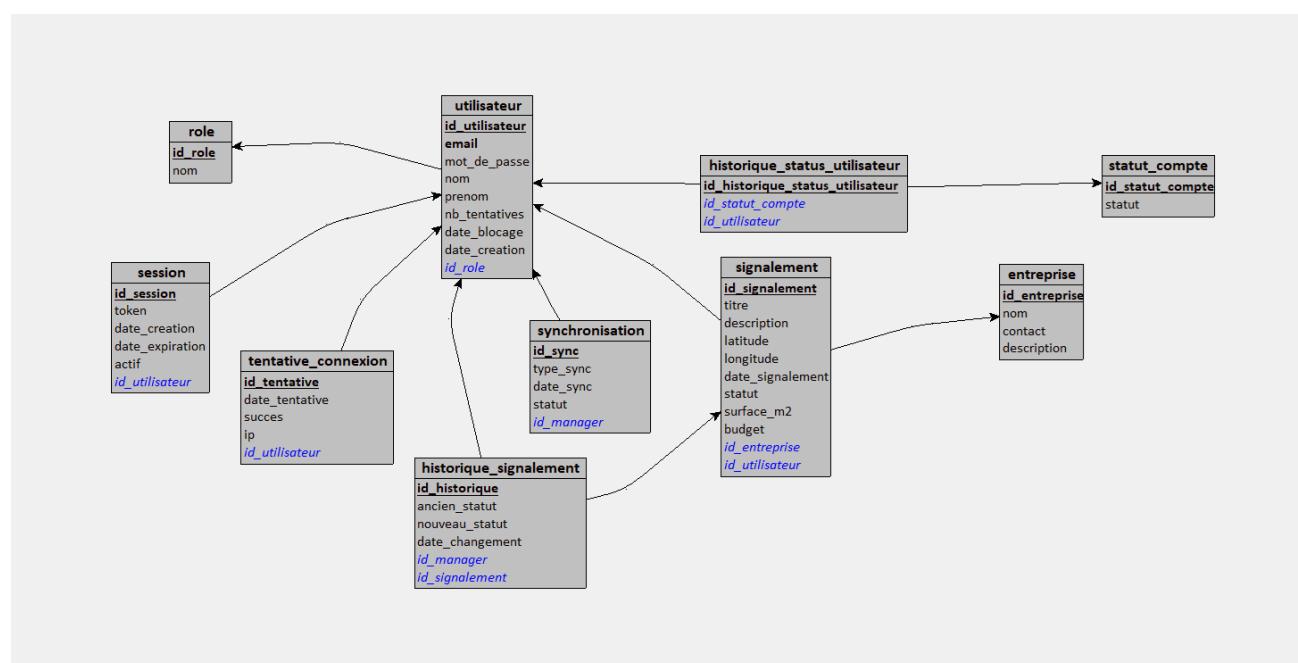
Nouveaux Features:

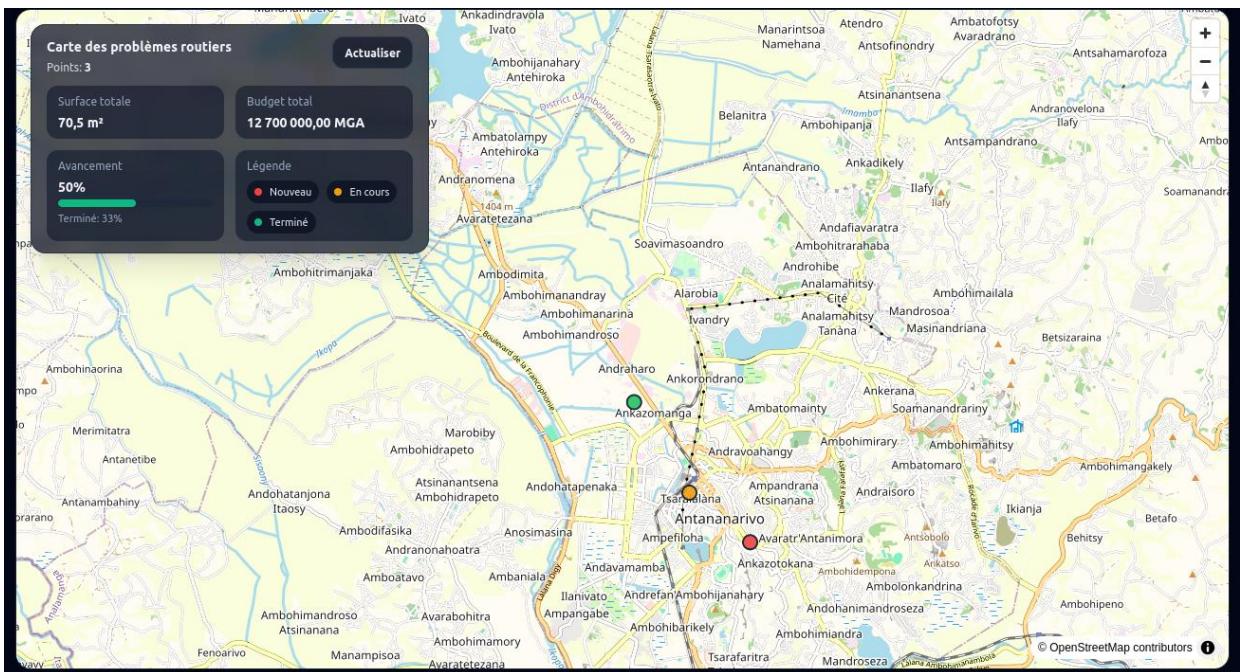
Integration login et inscription offline/online automatique

Display carte (capable offline) /maplibregl

Expiration de token (2h max)

MCD :





Inscription

Créez votre compte Clouds5.

Email

Mot de passe

Nom Prénom

Rôle

créer mon compte

[Déjà inscrit ? Se connecter](#)

Connexion

Email

Mot de passe

Se connecter

[Continuer en visiteur](#)

[Pas de compte ? S'inscrire](#)

Base PostgreSQL Local :

| n° | id_utilisateur | email | mot_de_passe | nom | prenom | nb_tentatives | date_blocage | date_creation |
|------------|----------------|----------------------|---|------|---------|---------------|--------------------|---------------|
| | | | | | | | | |
| 2.799166 | 1 | admin | admin | | | 0 | 2026-01-20 11:48:2 | |
| 2.804668 | 2 | visiteur@default | | | | 0 | 2026-01-20 11:48:2 | |
| 0.650991 | 3 | fireuser@example.com | | | | 0 | 2026-01-20 12:19:0 | |
| 4.518426 | 4 | ewan@judio.com | \$2b\$10\$rHX.lTYaVi/idzw5rGZEWeQXsrZk/xkPyqc/qkSQEI/c9aRKCv3Ae | ewan | judio | 0 | 2026-01-20 12:20:1 | |
| 8.028005 | 5 | luc@tonio.com | \$2b\$10\$blvhNsuisAMe6AdXPryacOax4md2qp9b0TqmJsAskidSv6yore2ym | luc | antonio | 0 | 2026-01-20 12:28:5 | |
| (5 lignes) | | | | | | | | |

Base firebase :

The screenshot shows the Firebase Authentication console interface. At the top, there are tabs for 'Users', 'Sign-in method', 'Templates', 'Usage', 'Settings', and 'Extensions'. A prominent message box states: 'The following authentication features will stop working when Firebase Dynamic Links shuts down soon: email link authentication for mobile apps, as well as Cordova OAuth support for web apps.' Below this, a search bar allows searching by email address, phone number, or user UID. The main area displays a table of users with columns for Identifier, Providers, Created, Signed In, and User UID. The table contains five entries corresponding to the data shown in the terminal output above.

| Identifier | Providers | Created | Signed In | User UID |
|----------------------|-----------|-------------|-------------|----------------------------|
| luc@tonio.com | ✉ | 20 Jan 2026 | 20 Jan 2026 | AveM9FcfcPXQbUTmo7Ho80L... |
| ewan@judio.com | ✉ | 20 Jan 2026 | 20 Jan 2026 | uFCEqgobFHYPJAdFh1oHJCJ... |
| fireuser@example.com | ✉ | 20 Jan 2026 | 20 Jan 2026 | OmB8DS4L84WdnADCGmA8... |
| test@example.com | ✉ | 13 Jan 2026 | 13 Jan 2026 | TRCvDbWeEzcrSH9ZrsRgWw... |

Page de documentation swagger :

The screenshot shows the Swagger UI interface for an API. The URL is http://localhost:3001/api/. The main area is organized into sections: 'synchronisations', 'historique-status-utilisateur', 'auth', and others. Each section contains several API endpoints listed with their methods (GET, POST, PUT, DELETE) and URLs. The 'synchronisations' section includes endpoints for listing synchronizations, creating, updating, and deleting them. The 'historique-status-utilisateur' section includes endpoints for listing historical status entries, creating, updating, and deleting them. The 'auth' section includes endpoints for logging in, creating visitor sessions, and registering new users. The interface uses color-coded buttons (blue, green, red, orange) to distinguish between different methods and operations.