

General Questions:

- What concrete Functions should be provided besides
  1. navigating a Map
  2. searching
- In paper there was a way discribed how to add a professional and how they are handeld -> does that concern us in a functional way
- What is meant by "dynamic" searches?
- Do we get sample data/ Excel sheet

Orga Questions:

- Should we write a paper or document concerning the possible Adaptation by other Groups
- Other informatin on other French students
- Can we have the specification also in French -> possible misstranslations by deepl

# INTERACTIVE MAP PROJECT

## SPECIFICATIONS

For INSA

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## Presentation of the centre

The "Accueil pour tous 31" Early Childhood Disability Resource Centre is a collaborative scheme co-constructed by Early Childhood professionals, parents, institutional partners and players involved in disability issues. It is legally supported by COCAGNE ACEPP 31 with the financial backing of the CAF de la Haute Garonne.

Since its creation in 2010, our Pôle Ressources Handicap Petite Enfance, Accueil pour Tous 31 (PRH APT31) has relied on a Collectif Ressources, formed by a group of early childhood professionals from the care, medico-social, EAJE (Etablissement d'Accueil du jeune enfant) and institutional sectors (specialised sectors, PMI, CAF, etc.).

The PRH Accueil pour Tous has the following missions:

- Support and train early childhood professionals to develop inclusive childcare projects,
- Promote links between the various players in the early childhood sector
- Facilitating contact between early childhood professionals and those working in specialised fields
- Take account of what parents have to say in inclusive childcare initiatives.
- Helping families to make it possible for their disabled child to be cared for.

As part of this cross-disciplinary task of establishing links, we are often approached by early childhood education establishments (EAJEs), which are authorised to take in children aged 0-3, with exemptions for children with disabilities, by the RPEs (early childhood relays), and also by parents, who are looking for independent professionals to provide re-educational and care services for their children.

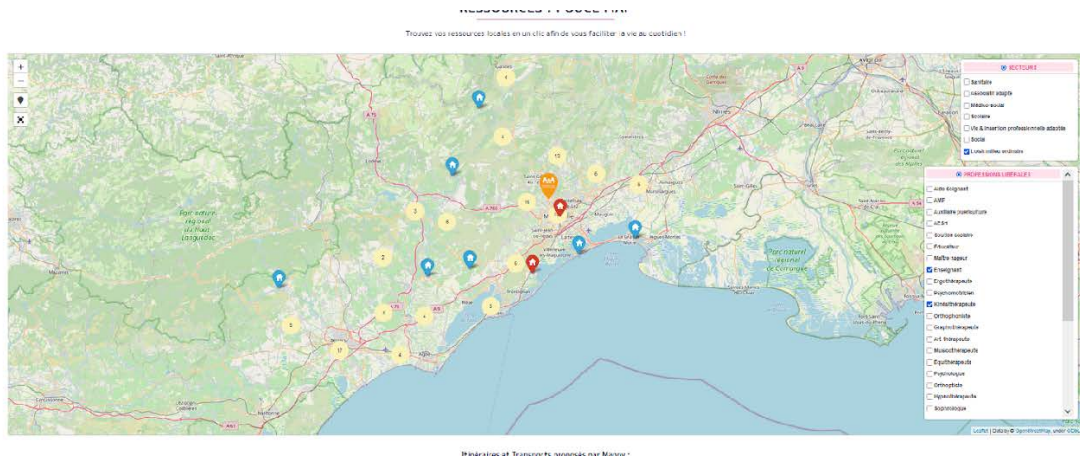
## Aim of the project

### Designing the tool: the interactive digital map

We imagined that developing an interactive map like the one below would enable us to view the network's partners according to criteria, whether concurrent or not, and to carry out dynamic searches.

We ask that this map be designed to be scalable, in view of the deployment of the Pôle Ressources Départemental, explained at the end of this document.

Example of an existing map (<https://www.halte-pouce.fr/pouce-map>):



## Background to the project

In order to provide the most appropriate responses to the different types of requests we receive, we have been developing over the years a directory of professionals that is as comprehensive as possible, so that we can direct these requests as effectively as possible, depending on the needs of the children and their geographical location.

This directory, which currently exists in the form of an Excel spreadsheet with multiple tabs (EAJE, associations, independent professionals, etc.), no longer meets the needs and objectives of our Resource Centre.

That's why a working group was set up in January 2023 to update this directory of partners and optimise its use. Our intention is to create a genuine partnership network.

Meeting regularly once a month, we have made progress on the criteria needed to update our data and the tools that will enable us to optimise the task of putting people in touch with each other.

We have worked on a Charter of Ethics, a Partner Identity Sheet, and we want to upgrade our Excell table, which is obsolete in a dynamic user environment, to a much more interactive tool, in particular an interactive map.

## The framework for use

## Basic data and documents for developing the tool

The APT31 early childhood disability resource centre has a directory of professional partners in the form of an Excel table with multiple tabs.

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This directory contains the professional contact details of people working in the field of early childhood and/or disability. This directory is our first database from which we are going to start redesigning our partnership network.

An identity form has been designed to collect the professional details of people wishing to be included in our partnership network. This identity form has a dual function: a database function and a pre-selection and commitment function.

By tacit agreement, the professional completing this form accepts the operation and use of the information contained in the interactive map tool.

The identity form is used to establish the areas of the search criteria and the hierarchy, or lack of hierarchy, between the areas. We will need guidance on the number of criteria to ask for in the identity card, and the tree structure of the information.

In addition to the identity form, a code of conduct must be signed by each professional wishing to join our partnership network.

### Hosting and server

L'accueil pour Tous has a website.

<https://accueilpourtous31.fr/>

This would be an interactive digital map hosted on our site, in an additional tab.

The map will initially be limited to the Haute Garonne department.

### Our audience and access

The Interactive Map will be accessible via our site only, using access codes supplied to professionals who have previously completed the identity form and signed the Code of Ethics.

### User profile

The user is a professional looking to find another professional, in order to pass on the final information, either to a third party professional, or to a parent of a child with special educational needs.

### Beneficiary profile

The beneficiary may be a professional (a user professional seeking information for another professional who is the beneficiary of this information).

The beneficiary may also be a parent (a user professional is looking for information for a parent who is the beneficiary of this information).

### Search criteria, cross-referencing of data and search hierarchy:

Search criteria must be:

- Multiple
- Concomitant
- Excluding

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Searches will be carried out by :

- Activity
- Fields of intervention (leisure, medical, paramedical, etc)
- Geographical area (sector, municipality, etc)
- Previous experience in dealing with a particular type of public (yes, no)
- Searches sorted by level of prioritisation:
  - Early childhood coordination
  - RSAI
  - PRH
  - Disability adviser
  - PMI
  - Others ?

Examples of situations illustrating the hierarchy:

1. I am the director of a crèche and I am looking for a psychomotrician in the north of Toulouse for a child in my care. If there isn't one in the north, I want the nearest one.
2. I'm a crèche director and I'm looking for an association offering discussion groups for parents of autistic children in Tournefeuille, for the parents of a child in my care. If there isn't an association in Tournefeuille, that's all I want.
3. I'm a carer at CAMPS (Centre d'Action Médico-Sociale Précoce) and I'm looking for a facility that can take in a disabled child in the Murétaine area.
4. I'm a speech therapist in Blagnac, working with a 3-year-old child with autism spectrum disorders (ASD). I'm looking for a facility that offers leisure activities and has already taken in autistic children. I'm looking within a 15 km radius by public transport.

**In the search results, the user should be able to access the professional's full details via a hypertext link.**

### Administration

The tool designed will be administered by the person responsible for the APT31 early childhood disability resource centre.

This person alone will populate the database and send access codes to users.

## Legal framework for use

### Intellectual property :

The tool designed will be the intellectual property of the APT31 early childhood disability resource centre and may not be passed on to other structures (public or private).

### RGPD

We ask professionals to provide professional contact details and email addresses corresponding to the departments and institutions in which they work. However, professional mobile numbers are not generally in the public domain.

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This must be taken into account.

## Partnership and commitment to the project

### Commitment of the professional members of the collective

The members of the group behind this request and project proposal undertake to make themselves sufficiently available to enable the group of students to progress through each stage of their work.

The coordinator of the Early Childhood Disability Resource Centre undertakes to provide regular progress updates as often as necessary.

We accept that the working dynamic will be one of agile collaboration and that the project will progress by validating each stage before moving on to the next, so that the final result corresponds to the demand.

### Student commitment

The students undertake to work with the professionals in order to optimise the progress of their work and thus be able to meet the deadline for production and delivery of the tool.

The students undertake to provide a user manual for the tool and to give a presentation to the entire professional working group.

INSA undertakes to ensure that the project can be taken over by other students if the work needs to be extended beyond the academic year.

### Timetable and deliverables

The project to be carried out during the 2023-2024 academic year.

The object designed as part of this partnership is a tool that is intended to be used in real-life situations on a regular basis by professionals working in collective and individual childcare.

The pragmatic and functional aspect, as well as the real and effective use, are real expectations of the group. In other words, the collective expects the tool to be delivered and operational by the end of the academic year.

The members of the Collective and the students will have to agree on a prototyping phase and a final delivery date for the tool.

### Agreement to be signed

A partnership agreement is required.

### Remuneration

This partnership is part of INSA's PIR (Research Initiation Projects).

No financial compensation is required from the Pôle Ressources Handicap Petite Enfance.

## Possible developments

### The departmental inclusive resource centre

The APT31 Early Childhood Resource Centre, together with the Resource Centre for the Reception of Minors in Group Leisure Activities (SIAM), is part of the Departmental Resource Centre.

This Departmental Resource Centre is currently undergoing a major restructuring, with a broadening of its remit beyond early childhood (0-6 years) and childcare in collective leisure activities for 6-18 year olds.

As a result, the interactive map could evolve into a tool capable of managing a larger quantity of data.

Future partnerships could be envisaged.