# Contact

## Responsibilities

The Contact component is responsible to keep a database of contacts. Each contact entity (a person, a school, a NGO, a company…) can contain phones, emails, postal addresses…

The centralization of those data will ease searches, to have homogenous database for this kind of information, as well as no duplication.

## Data



A contact is represented by a *ContactEntity*. Each contact can be labeled by types (high school, IT company, NGO…) through *ContactEntityTypes* (an entity may have several types if needed).

A contact may have postal addresses attached, through *PostalAddress* which is linked to the geographic information from Geography component, as well as contacts like emails, phones, Instant-Messaging…

Each address or contact can be *typed* by a free string like ‘home’, ‘work’, ‘cell phone’, ‘office phone’...

We can also attach any note to a contact, with the date of the note, through *ContactNote*.

In addition of the labels (or contact types), we can create group of contacts. For example, we can have contacts which are labeled as *selection process partners*, then we can have one group for each year (or each selection process campaign).

A link to the *People* component is also done through *PeopleContact* and *PeopleAddress* allowing to attach contacts to a physical person.

A *ContactEntity* is usually used together with at least one “contact point” (for example, the IT manager in a company, or the principal of a school…). Contact points can be attached to a ContactEntity, creating a link to a physical person (*People*) and with a “designation” (i.e. “School principal”).

## Functionalities

The contact component provides functionalities to retrieve or search contacts.

It provides pages/part of pages to display and/or edit a contact.