Waldhart Software Analysis
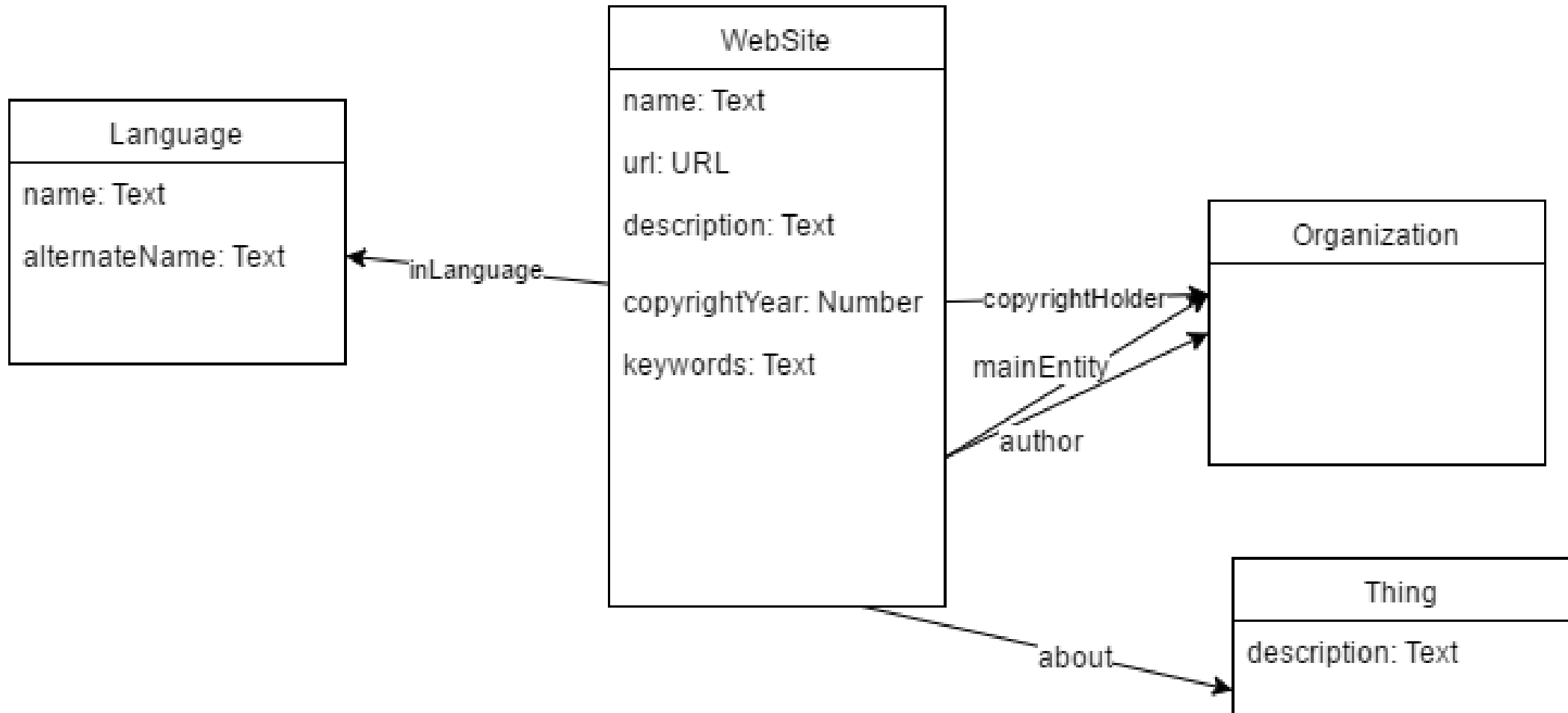# http://www.waldhart.at

Umutcan Şimşek

1. Home

- http://schema.org/WebSite
  - General webpage annotation: keywords, title, description, copyright information, available languages
  - alternateName property of Language class is used for IETF languge tag
  - Properties of Organization will be annotated later
  - "Referenzen" can be annotated with WebSite class, however it'd very generic
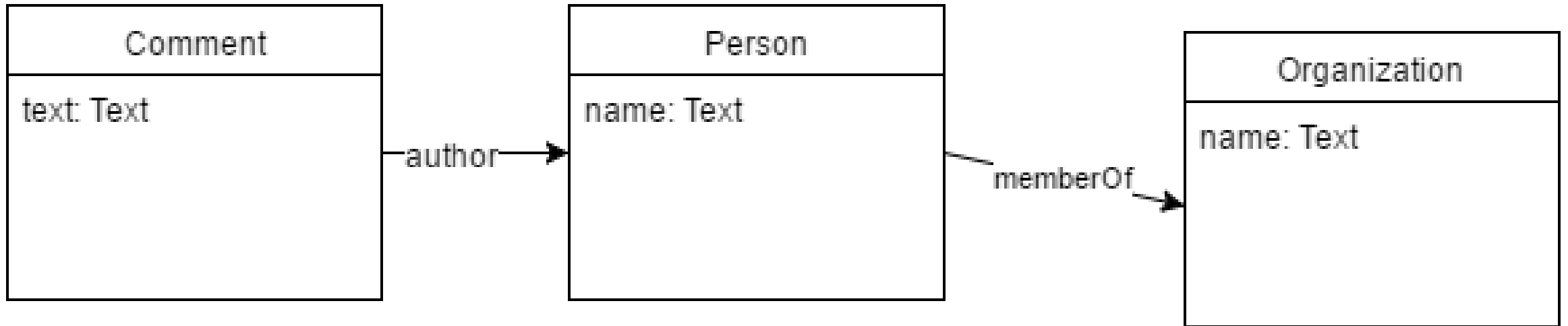
1. Home

- http://schema.org/WebSite

1. Home

- http://schema.org/Comment
  - "Kundenmeinungen" on the homepage can be annotated with Comment type.

1. Home

- http://schema.org/Comment

1. Home

- http://schema.org/VideoObject
  - Embedded videos on the homepage can be annotated with this class

VideoObject
caption: Text
embedURL: URL

2. Veranstaltungen

- http://schema.org/BusinessEvent
  - Every individual event can be annotated with this class
  - subEvent property is used for describing different timeslots during an event
  - Different prices and registration dates are represented with offers property.
  - workFeatured property can be used to describe the software that is presented in the event (it can be any other kind of creative work as well)
  - There is content like "Nachbericht", could not find any class to represent it. One way to do it maybe annotating it with an Article and referring to Event from the article with mainEntity property.

2. Veranstaltungen

- http://schema.org/BusinessEvent

3. Software
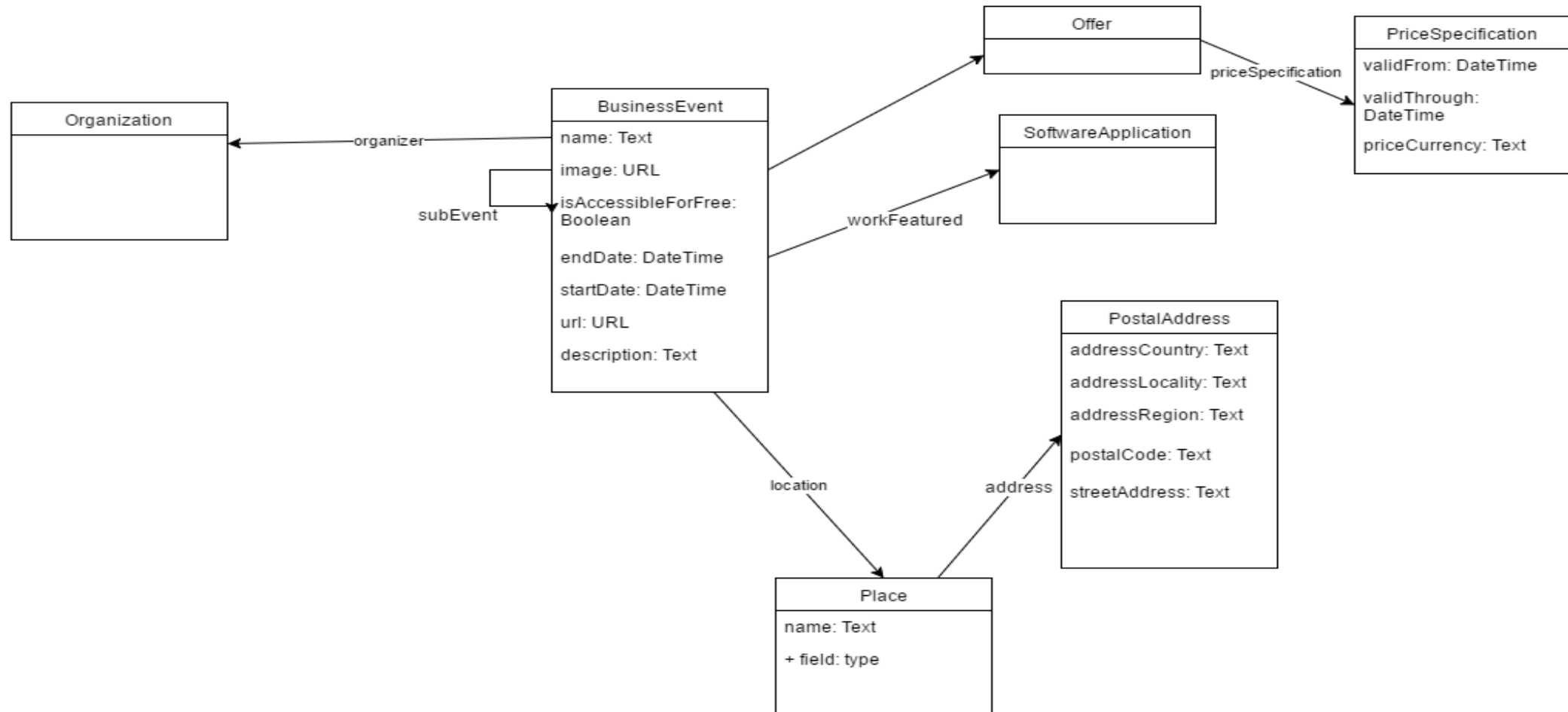
- http://schema.org/SoftwareApplication
  - no structured way of representing features
  - there is no way to represent hardware requirements
  - softwareRequirements should have range SoftwareApplication
  - "Referenzen" section can be annotated with WebSite, but it would too generic.

3. Software

- [http://schema.org/Software Application](http://schema.org/SoftwareApplication)

SoftwareApplication

availableOnDevice: Text

featureList: Text or URL

memoryRequirements: Text or URL

operatingSystem: Text

processorRequirements: Text

screenshot: ImageObject or URL

softwareHelp: CreativeWork

softwareRequirements: Text or URL

storageRequirements: T or URL

inLanguage: Language

description: Text

name: Text

provider →

Organization

3. Software-Support Team

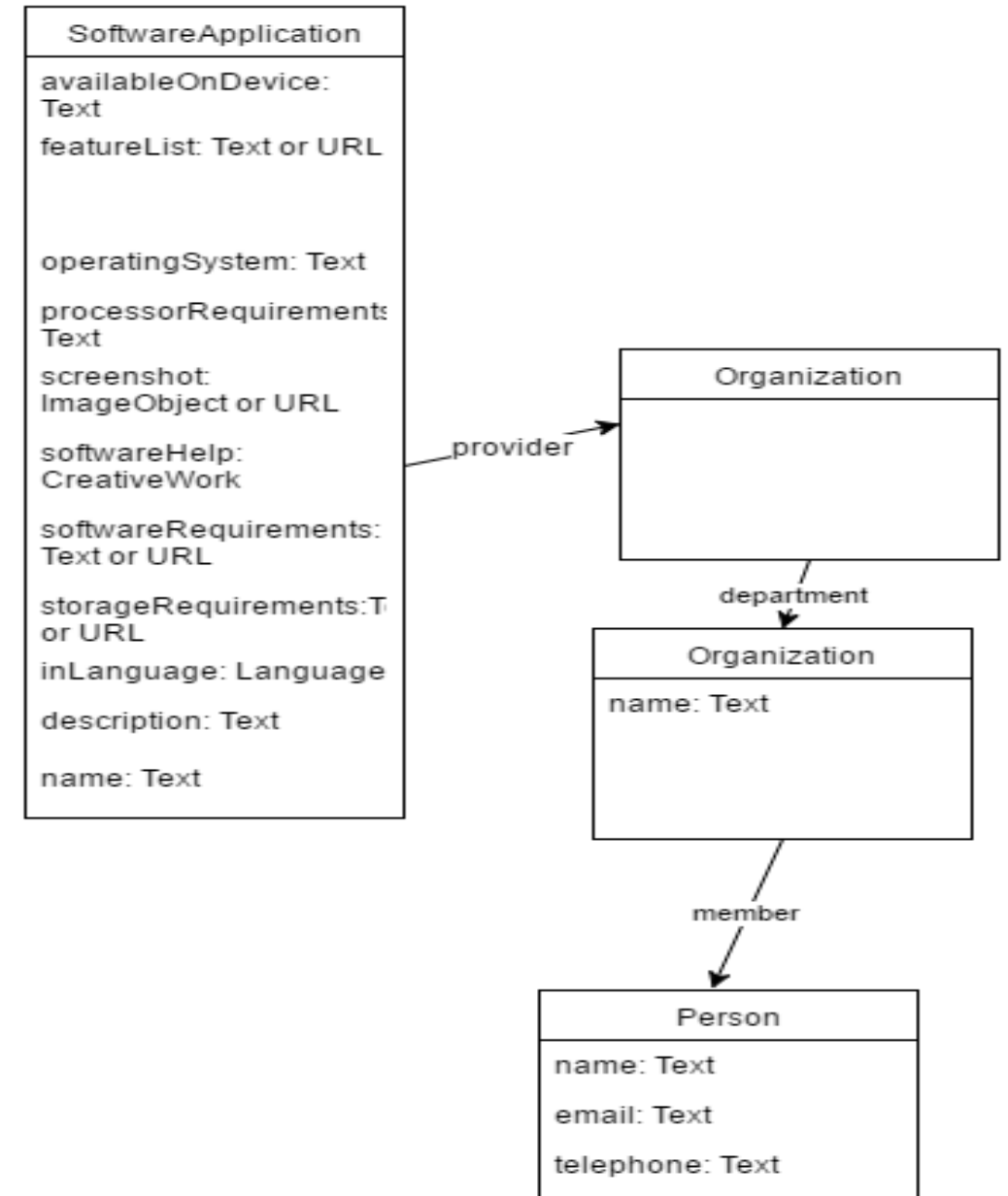- The support team, their departments and contact information can be represented through SoftwareApplication.provider.Organization.department.member.Person

- Are they the members or the employees of the department?

SoftwareApplication

availableOnDevice: Text

featureList: Text or URL

operatingSystem: Text

processorRequirements: Text

screenshot: ImageObject or URL

softwareHelp: CreativeWork

softwareRequirements: Text or URL

storageRequirements:Text or URL

inLanguage: Language

description: Text

name: Text

provider →

Organization

department ↓

Organization

name: Text

member ↓

Person

name: Text

email: Text

telephone: Text

4. Online Shop

- This section contains content about another software. See section 3.

5. Webdesign

- This section can be annotated with Service class. Services that comprise webdesign service, can be annotated with hasOfferCatalog. (This is also the way the schema.org Service example does)

- The support team can be annotated in a similar way to software support team

- The "Service" section under webdesign can be annotated with Organization and contactPoint property (see section x). The contact form can be annotated with the AskAction

5. Webdesign
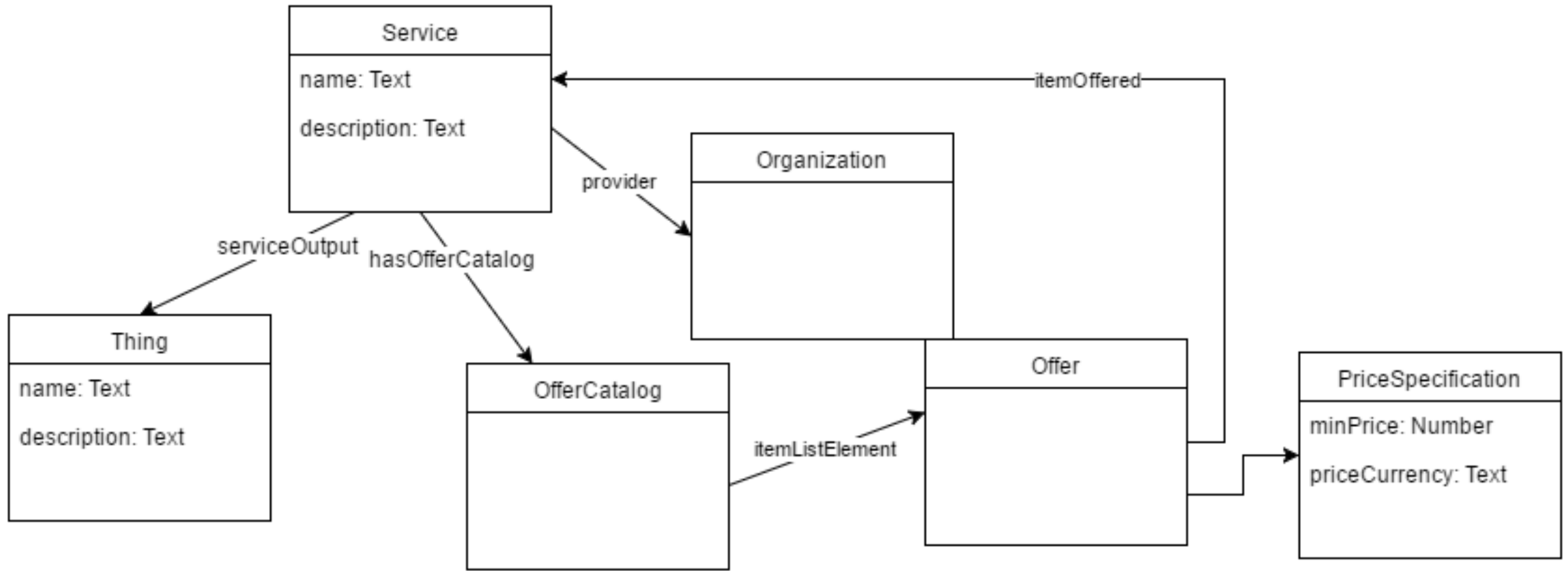
6. Firma
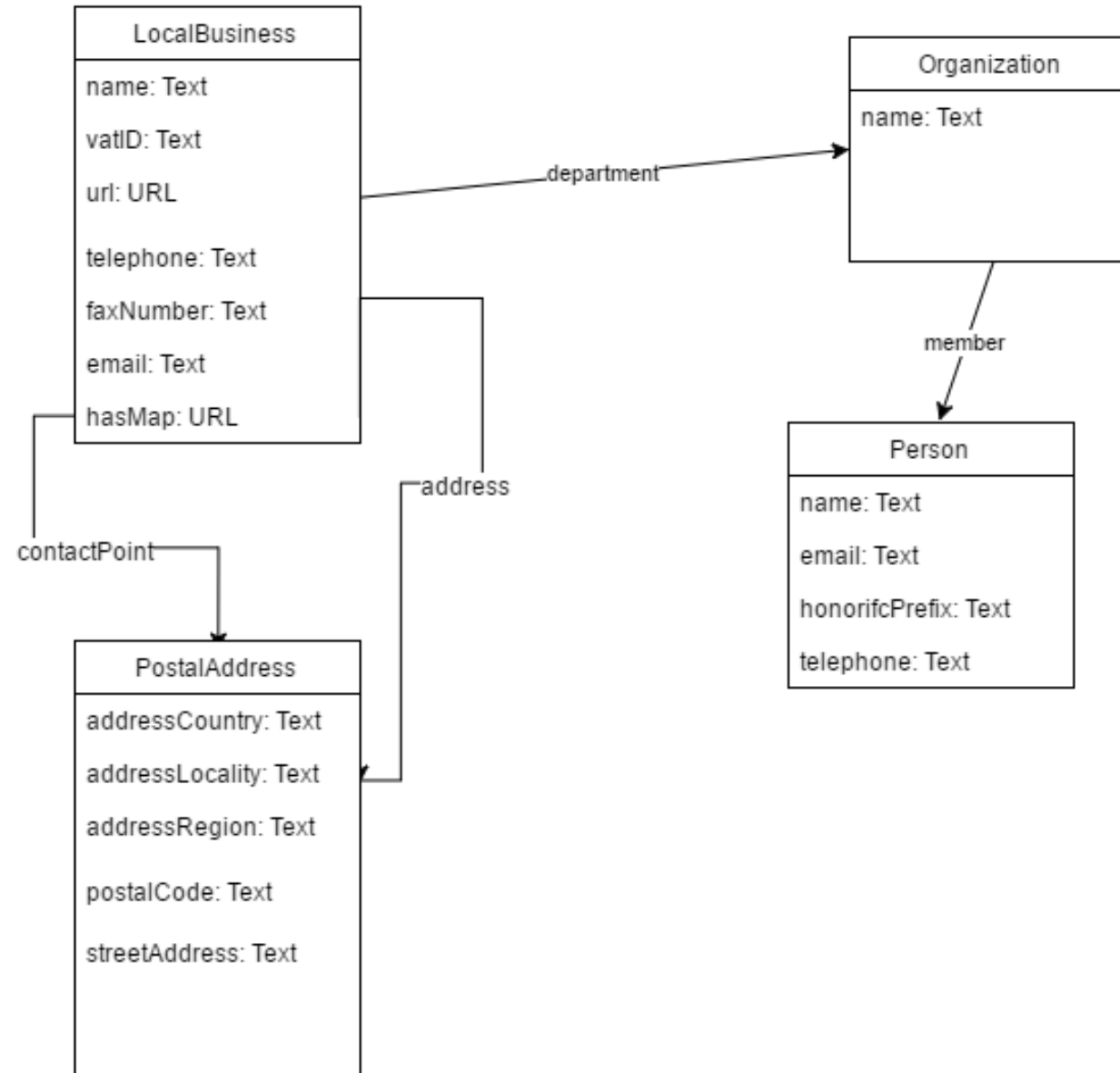
- The Blog section can be annotated with the Blog class
- The rest of the subsections comprise different parts of the Organization annotation (team, impressum)
- I would suggest to represent the "Firma" with LocalBusiness, which is subclasses of Place and Organization, in order to be able to use the hasMap property.
- The contact form under "Kontakt" subsection can be annotated with AskAction

6- Firma

LocalBusiness
- name: Text
- vatID: Text
- url: URL
- telephone: Text
- faxNumber: Text
- email: Text
- hasMap: URL

Organization
- name: Text

Person
- name: Text
- email: Text
- honorifcPrefix: Text
- telephone: Text

PostalAddress
- addressCountry: Text
- addressLocality: Text
- addressRegion: Text
- postalCode: Text
- streetAddress: Text

department

member

contactPoint

address

6. Firma-Blog

```
┌─────────────────────────┐
│          Blog           │
├─────────────────────────┤
│ name: Text              │
│                         │
│                         │
│                         │
└─────────────────────────┘
             │
             │
             ▼
┌─────────────────────────┐
│       BlogPosting       │
├─────────────────────────┤
│ name: Text              │
│                         │
│ sharedContent:          │
│ CreativeWork            │
│                         │
│ datePublished:          │
│ DateTime                │
│ articleBody: Text       │
└─────────────────────────┘
```