

```
<xs:complexType name="CategoryType">
```

```
<xs:sequence>
```

```
<xs:element name="description" type="xs:string" />
```

```
<xs:element name="category" type="CategoryType"  
minOccurs="0" maxOccurs="unbounded"/>
```

```
<xs:element name="books">
```

```
<xs:complexType>
```

# Software System Architectures (NSWI130)

## Architectural Views

```
<xs:element name="book" type="BookType"  
minOccurs="0" maxOccurs="unbounded"/>
```

```
</xs:sequence>
```

```
</xs:complexType>
```

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# Kinds of allocation viewpoints

- ❑ deployment
- ❑ implementation
- ❑ work assignment

# Deployment viewpoint

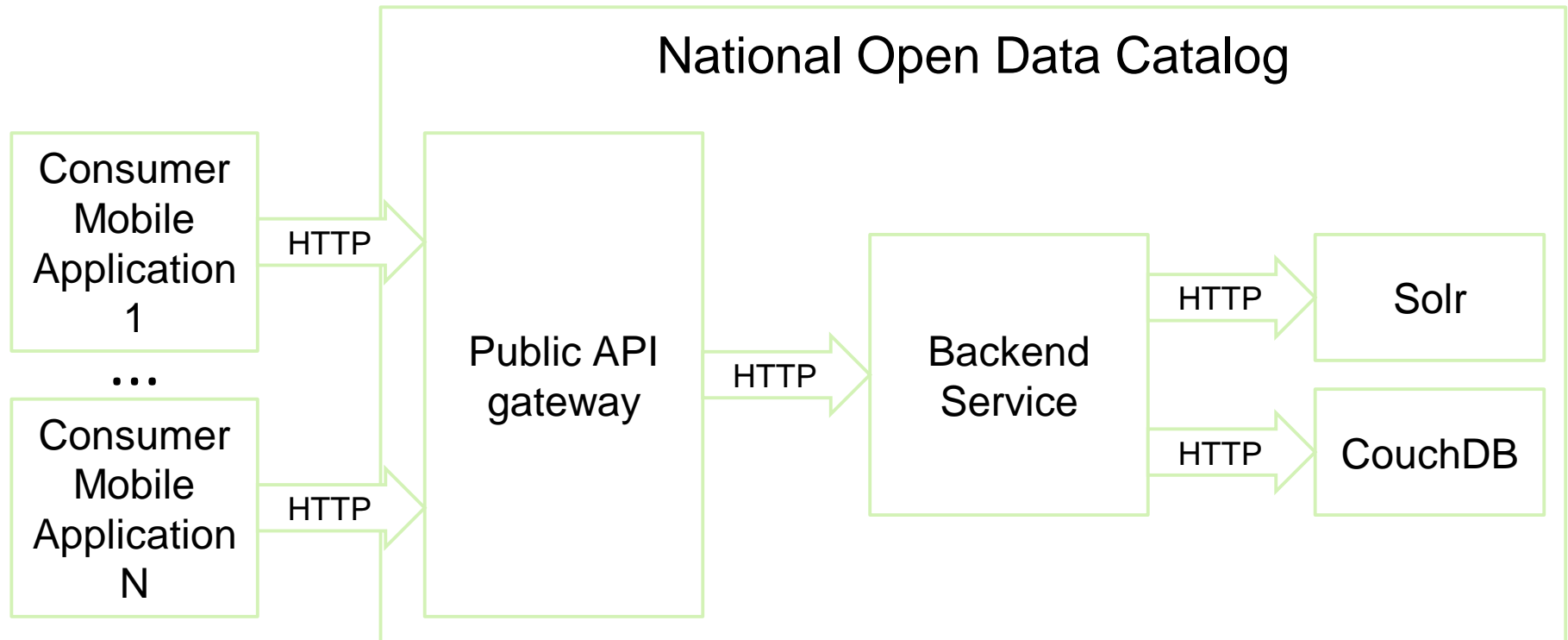
## □ elements

- components and connectors
- hardware and communication elements

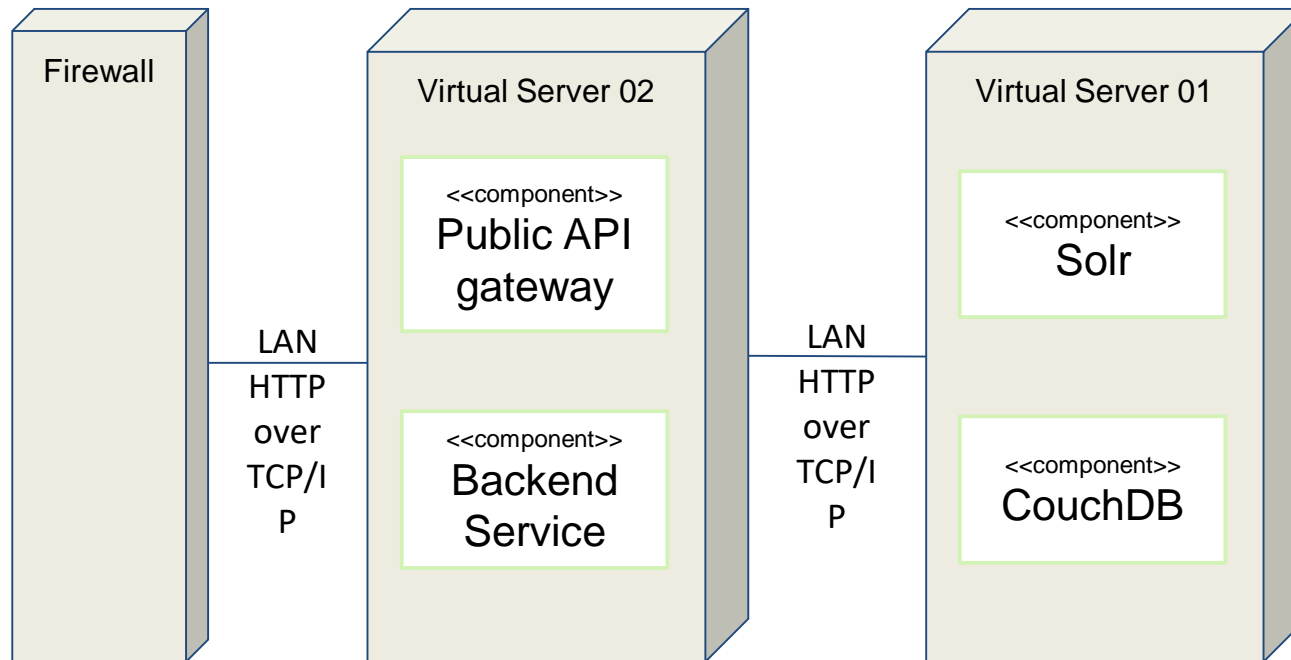
## □ relationships

- allocated to

- used to reason about performance, security and availability



## National Open Data Catalog



# Implementation viewpoint

- ❑ **elements**
  - modules
  - file structures
- ❑ **relationships**
  - implemented in
- ❑ important for the management of development activities and build processes

# National Open Data Catalog

## Presentation

### Public API

Dataset List

Dataset Detail

## Domain

### Services

Search Datasets

Get Dataset Detail

### Model

Dataset

Distribution

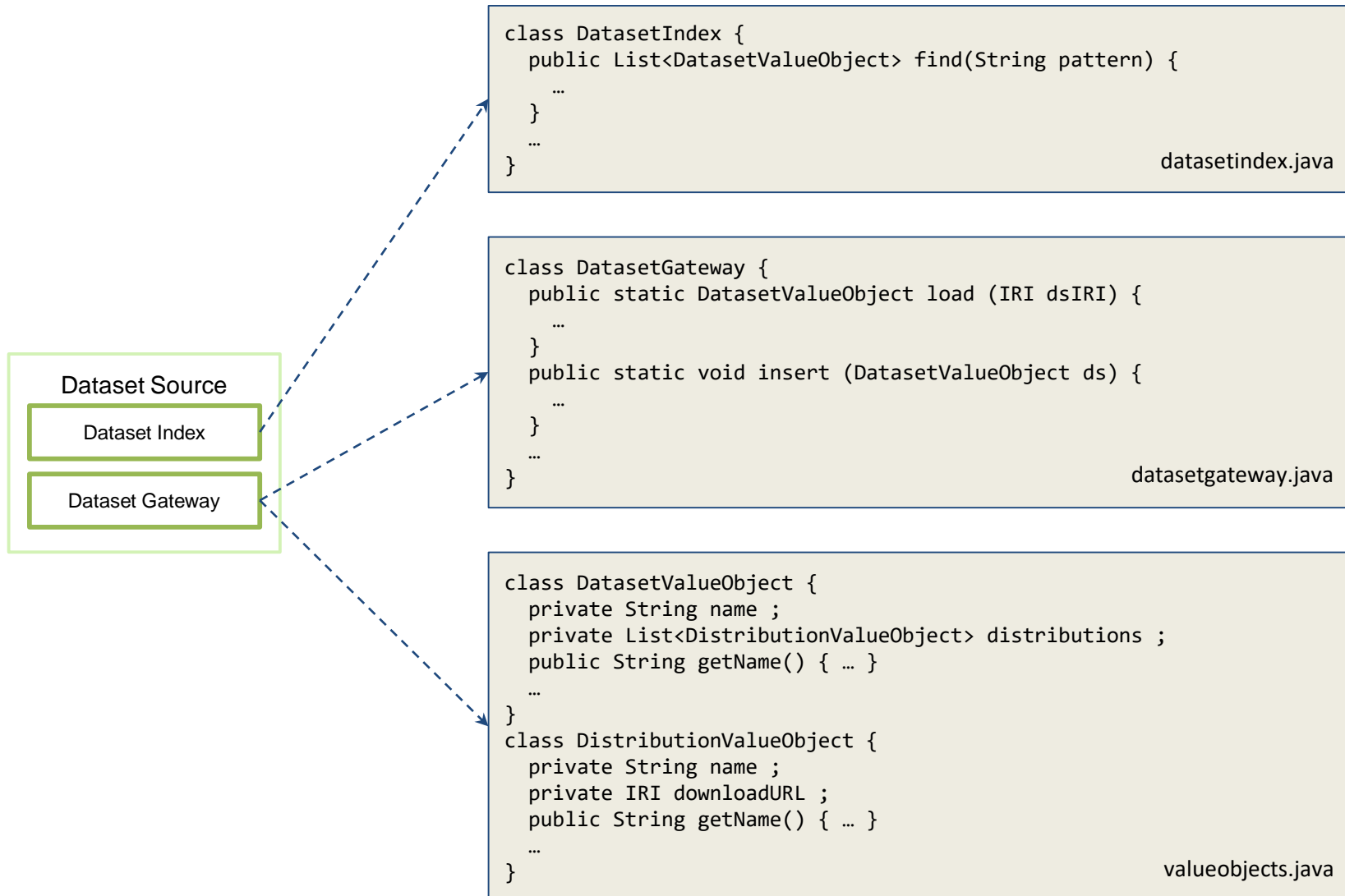
## Data Sources

### Dataset Source

Dataset Index

Dataset Gateway

# Modules and Source Code





# Work assignment viewpoint

- ❑ **elements**
  - modules
  - people or teams
- ❑ **relationships**
  - work assignment
- ❑ important for the project management

# National Open Data Catalog

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Team 1



Team 2

# The End