Detailed Diagram Of Querying system For worker/Employee

User

Notifier

Ontology Model

Query Engine

Query Results Information

Desired *Information*

Results
Required Person's Name, Phone No, Details

Query

Domain Information

Search Keywords/Parameters

unsorted irrelevant elements

Sorted Elements

Semantic Matching and Ranking Algorithm
Matching Results Sets

Is Desired Info present ?

Yes

Unsorted Elements

No

1

2

3

Ranked Profiles

QUERY ENGINE

SPARQL editor

SPARQL Query

Query Processing

add suggestions
to improve the search
in ontology

Connect to
Ontology Module

Set of unranked unmatched elements

Searching

semantic entities

based on

Semantic Index weighted Annotations

Add Search Keywords

Indexing