Semantic annotation tools for EIS document

System overview and status update...

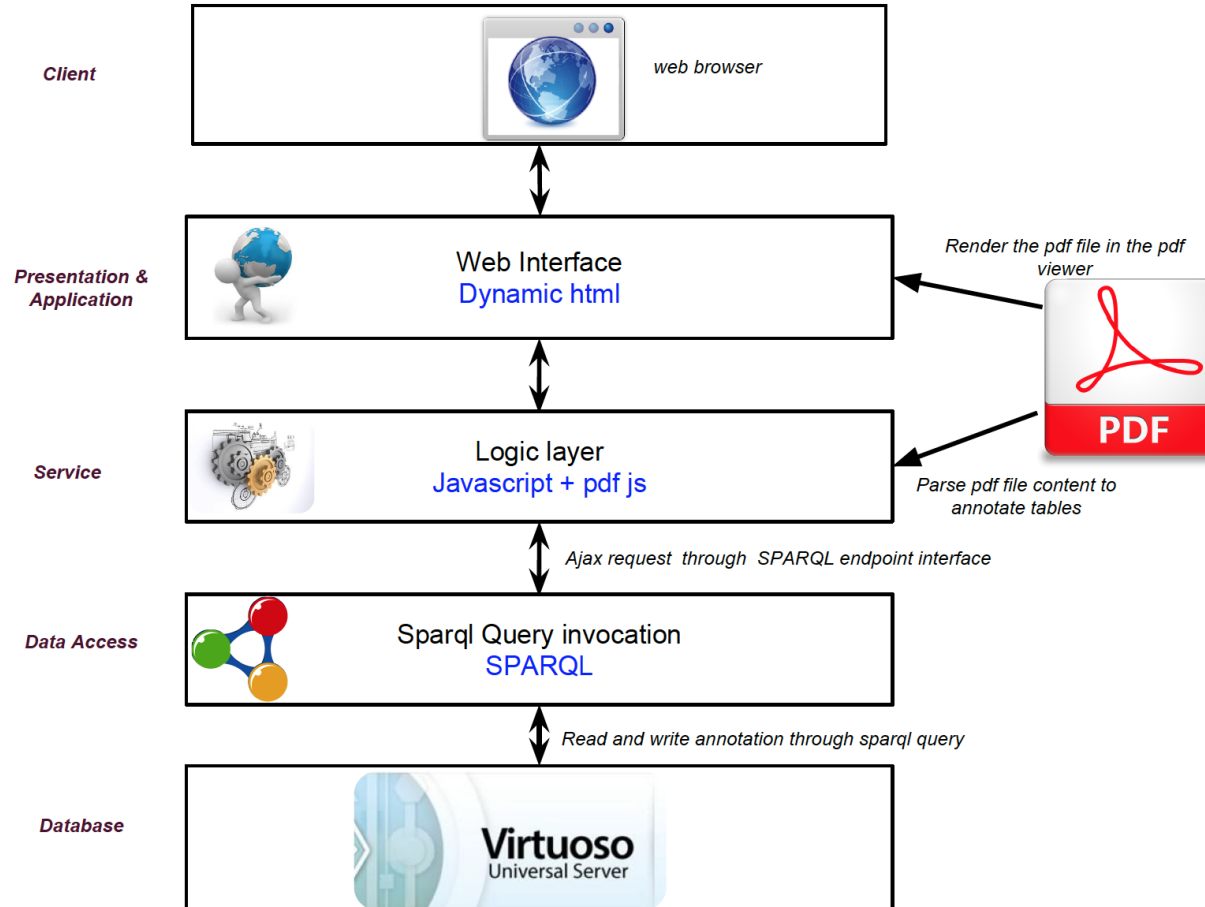# Requirement analysis

Functional

- Annotation of simple tables
- Annotation of complex tables
- Automated annotation of selected table content

Non-functional

- Scalability
- Usability

More details document is available in EIS lab repository….

Software Architecture Diagram -
Semantic annotation tools for EIS publications

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Client

web browser

Presentation &
Application

Web Interface
Dynamic html

Render the pdf file in the pdf viewer

PDF

Service

Logic layer
Javascript + pdf js

Parse pdf file content to annotate tables

Ajax request through SPARQL endpoint interface

Data Access

Sparql Query invocation
SPARQL

Read and write annotation through sparql query

Database

Virtuoso
Universal Server

During Hackaton

- Successfully able **segmentation** to a simple data table.

- **Separate** the UI for simple text annotation and new table annotation

- Start implementing the **Data cube vocabulary** for simple a table annotation.

Project documentation and Git hub

Git hub set up for establish with proper documentation for existing source code

Test Case Specification & Testing

Testing environment is being set up and integrated into the system.

Final submission & task planning

- 1st week of **October** - final submission with all the necessary documents -
  - **source code**
  - **system setup**
  - **documentation**
  - **poster**
- Git hub issue tracking is available and has been assigned in a regular basis
- We will work during the semester break.

Team members rules:

- **A Q M Saiful Islam : Team lead**
  - Project planning and maintenance
  - Direct involvement in the coding
  - R & D

- **Seyidov Mirsattar**
  - Active Git hub issue solving
  - Direct Coding

- **Mircheska Marina**
  - Documentation
  - Project enhancement advisor

Thanks for your attention…..

Q & A