

SELF REFLECTION REPORT

PRATEEK TULSYAN – 19303677

- Built Application Query Interface using Python and Flask.
- Learnt building SPARQL queries from team members and wrote 2 SPARQL query for the final selected questions.
- Searched for correlated datasets.
- Suggested 3 competency questions that ontology answers.
- The entire team sat together find out the correlation and classes, objects and properties among the dataset.
- **Strength:** UI development, Identification of classed and properties.
- **Weakness:** Writing SPARQL queries

DIVYANSHU MARWAH - 19304526

- Helped in uplifting the dataset and creating R2RML mapping.
- Also contributed in defining classes and properties and further designing the ontology model using Protégé.
- Learned about making SPARQL queries from fellow team member and formulated a couple of them.
- Contributed in searching the open dataset.
- Suggested the competency questions that ontology answers.
- **Strength:** In creating data modelling and defining the schema architecture.
- **Weakness:** Not much comfortable in UI development.

ANKIT TAPARIA - 19302722

- Did setup of Virtuoso Triple Store and executed queries on local SPARQL endpoint.
- Created SPARQL queries and learnt how to use clauses such as FILTER, BIND and functions such as regex, concat in SPARQL queries to achieve the desired results
- Helped in creating the OWL ontology using Protégé.
- Tried looking for correlated datasets.
- Suggested competency questions that ontology answers.
- Helped in making in classes, subclasses and their properties.
- **Strength:** Creating SPARQL Queries.
- **Weakness:** Integrating backend with UI

AKASH VERMA - 19308805

- Worked on OWL ontology.
- Helped in creating mapping between data.
- Searched for datasets.
- Suggested 3 competency questions that ontology answers.
- Helped in making in classes, subclasses and their properties.
- Wrote 2 SPARQL queries.
- **Strength:** Understanding and Building owl ontology based on the dataset provided.
- **Weakness:** Creating RDF triples and writing queries to retrieve data from triple stores.

PIYUSH SAXENA - 19300369

- Worked on OWL ontology using Protégé.
- Created OWL ontology using WIDOCO documentations.
- Searched for datasets.
- Suggested 3 competency questions that ontology answers.
- Helped in making in classes, subclasses and their properties.
- Wrote 2 SPARQL queries.
- **Strength:** Using Protégé to create OWL ontology and SPARQL.
- **Weakness:** Uplifting data

CHEN WANG - 19302124

- Wrote the description of the technical report.
- Discussed with other group members about creating classes and properties.
- Helped other members use Juma to uplift the datasets to create better ontology modelling.
- Searched for datasets.
- Suggested 3 competency questions that ontology answers.
- Wrote 2 SPARQL queries.
- **Strength:** Patience, willingness to learn
- **Weakness:** Weak communication skills