بسم الله الرحمن الرحيم

ASSIGNMENT NO.04:

Group Members:

- BSEF19M005 Syeda Moaddat Naqvi
- BSEF19M003 Anam Razaq
- BSEF19M010 Sahrish Munir

Class:

BSSE 6th Reg (2019-2023)

Submitted To:

Sir Fahad Maqbool

FAIRIFICATION

- *Findable*

- *Accessible*

- *Interoperable*

- *Re-usable*

1. FINDABLE

- F1: Our Ontology has Unique and Persistent Identifier URI

    https://github.com/syedamoaddatnaqvi-141/CovidOntologyStatistics.git

- F2. Metadata is defined within the ontology and descriptive metadata is in README.md
- F3: We have included description and tags in about of GitHub to make ontology searchable.

2. ACCESSIBLE

- A1. We have included standard technologies and protocol to make it accessible. i.e.,
    https://syedamoaddatnaqvi-141.github.io/COVID-Statistics#

- A2. README.md will be available in case if data is not available.

3. INTEROPERABLE

- I1. We have used RDF and owl language that is broadly applicable language for knowledge representation.

- I3. Qualified reference of related ontologies is provided in README.md i.e.
    https://github.com/syedamoaddatnaqvi-141/CovidOntologyStatistics/blob/main/README.md

4. RE-USABLE

- R1. Already fulfilled in F2
- R1.2 we have used standard specification that should be adopted for semantic artefacts.