



(Autonomous College Affiliated to the University of Mumbai)
NAAC ACCREDITED with "A" GRADE (CGPA: 3.18)

#### DEPARTMENT OF INFORMATION TECHNOLOGY

**COURSE CODE:** DJ19ITL801 **DATE:** 28/03/2024

COURSE NAME: Semantic Web Technology Laboratory

CLASS: Final Year B Tech

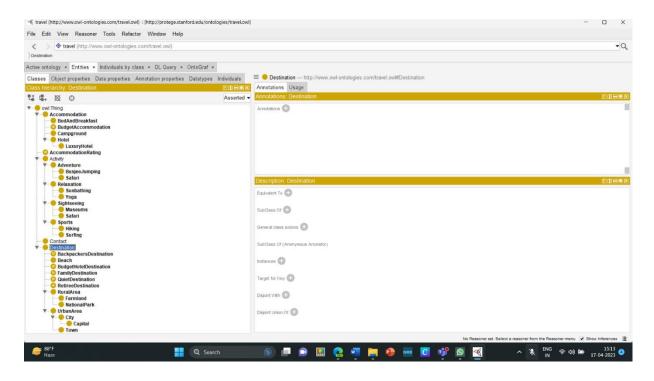
# **EXPERIMENT NO. 9**

AIM / OBJECTIVE: To explore travel ontology using Protégé.

**CO/LO:** Apply Semantic web technologies in real world applications.

# **OUTPUT:**

# Classes

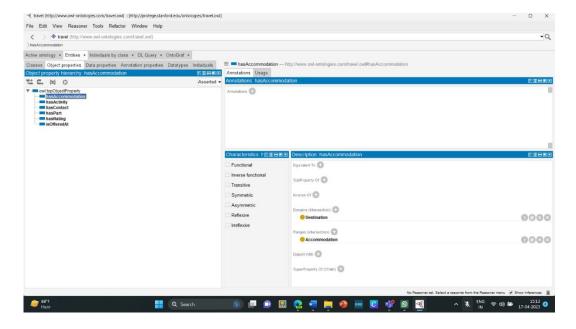




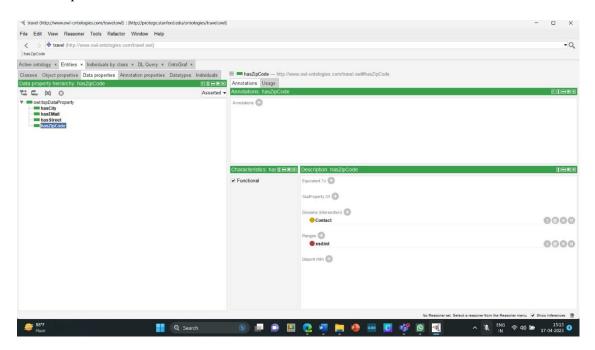


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# Object Properties



# Data Properties

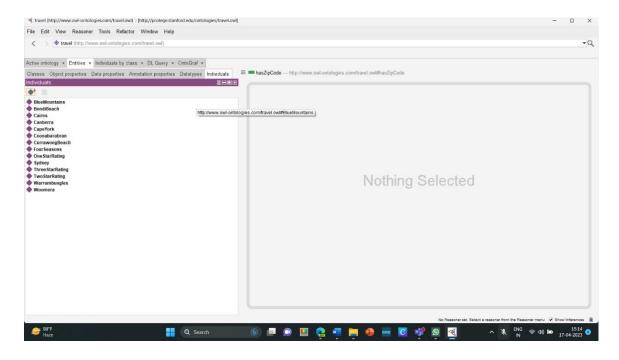






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# *Individuals*

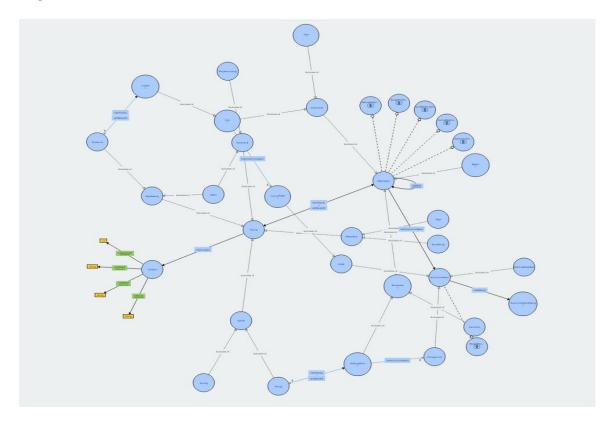






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# Graph

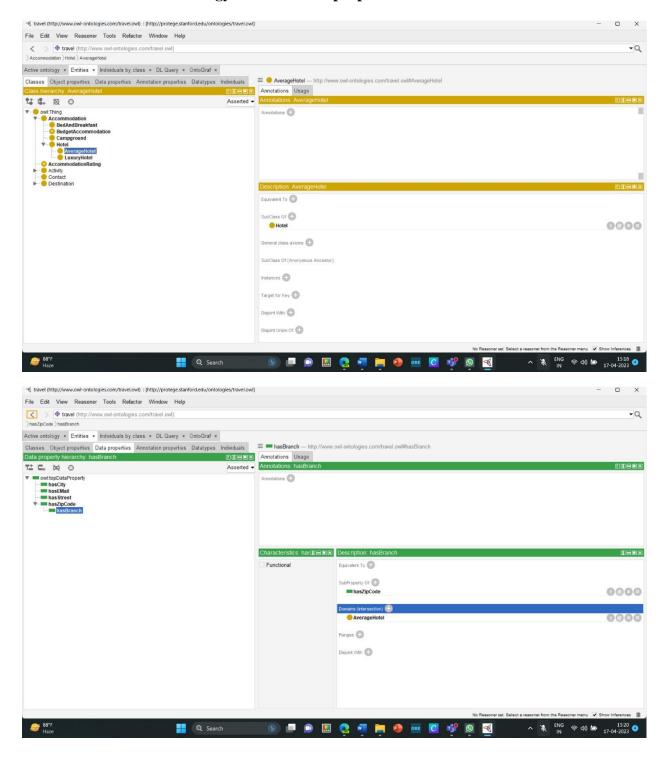






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#### Add a new class to the ontology and add some properties to the same.







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# **BOOKS AND WEB RESOURCES:**

- 1. <a href="https://cambridgesemantics.com/blog/semantic-university/learn-owl-rdfs/">https://cambridgesemantics.com/blog/semantic-university/learn-owl-rdfs/</a>
- $2. \ \ \, \underline{\text{https://medium.com/@vindulajayawardana/ontology-generation-and-visualization-withprot%C3\%A9g\%C3\%A9-6df0af9955e0} \\$