

Indian Institute of Technology, Madras
Chennai



CS6852 : Assignment 3 - Ontology Design

Group - 13

Domain - Hospital Management

Submitted To :

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Submitted By:

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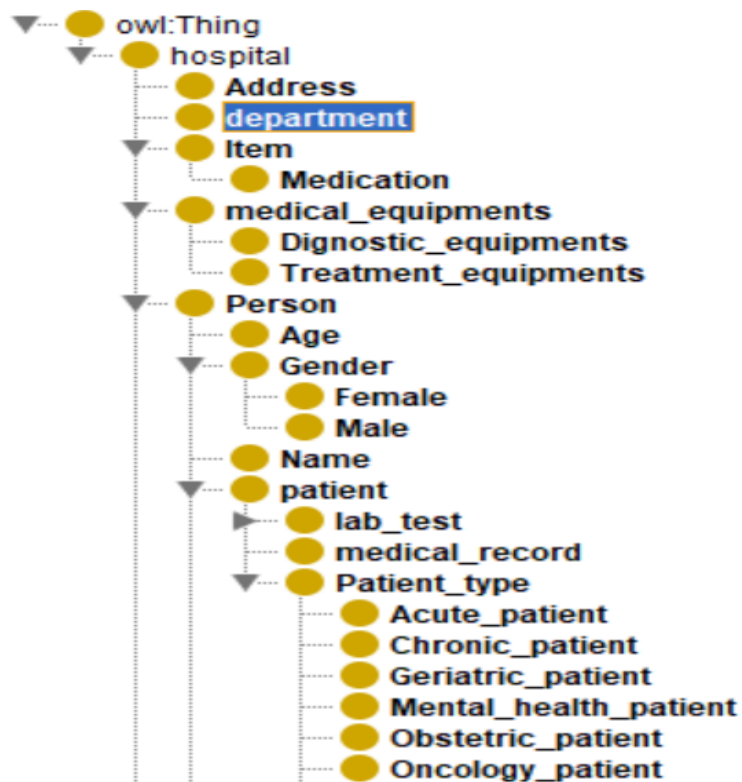
Raj Mahajan (CS22M067)

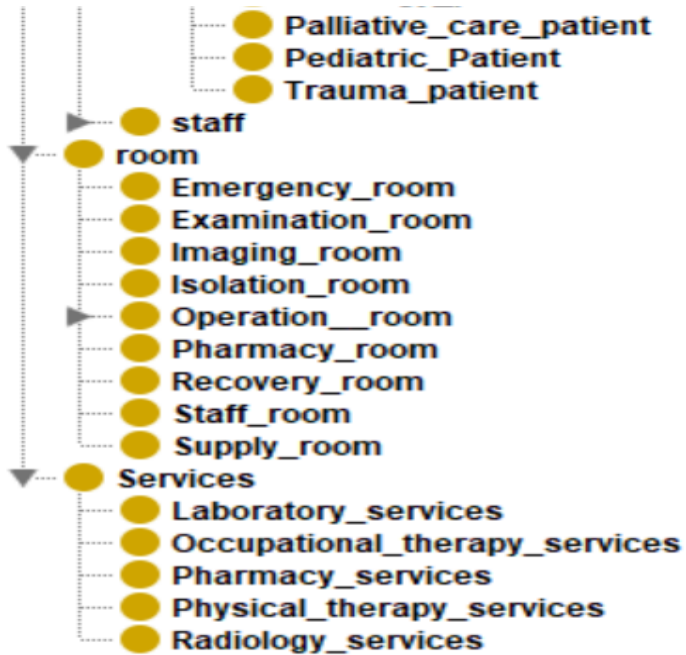
P. Sai Sree Ram(CS22M076)

Overview

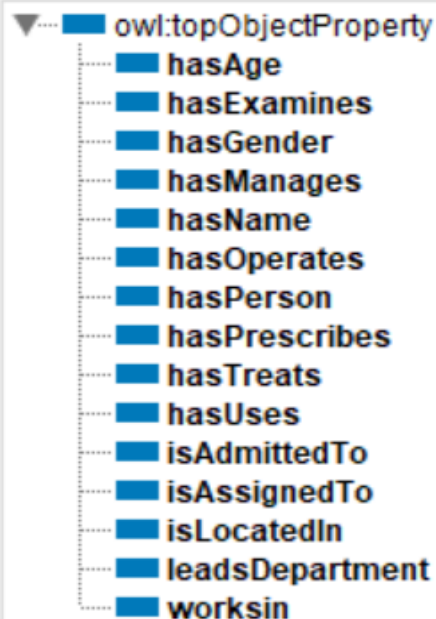
The OWL ontology Hospital is a description of the concepts and relationships that exist within the domain of hospitals. It defines classes as well as properties. The ontology was evaluated for consistency using the Protege Software.

Classes







Objects



Individuals

Individuals: Deepak



- ◆ Aditya
- ◆ Akash
- ◆ Amy <http://www.semanticweb.org/rajma/ontologies/2023/3/assignment3/Aditya>
- ◆ Anesthesia_machines
- ◆ Aniket
- ◆ Blood_Sugar_Test
- ◆ Cardiology
- ◆ Chinmay
- ◆ CT_scanners
- ◆ Deepak
- ◆ Divya
- ◆ Gynecology
- ◆ Hemoglobin_A1C
- ◆ Hepatology
- ◆ Infusion_pumps
- ◆ Lubrex
- ◆ MixogramLX
- ◆ MRI_machines
- ◆ Neha
- ◆ Nephrology
- ◆ Neurology
- ◆ Quadrajel
- ◆ Radiology
- ◆ Reena
- ◆ Sakshi
- ◆ Samantha
- ◆ Sameer
- ◆ Sree_Putta
- ◆ Surgical_instruments
- ◆ Thyroid_Function_Test
- ◆ X-ray_machines

Asserted Hierarchy



Inferred Hierarchy

