INFO6540 Database Management Systems

Assignment 2: Protégé Ontology

Harry Potter Ontology Description

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Ontology of Harry Potter

I focused my ontology on the Harry Potter series of books by J.K. Rowling. In particular, I looked at the regular characters, those closest to Harry, and their relationships within the first five books. The Harry Potter universe is huge, and so I had to eliminate occasional characters and those who weren't regularly featured in the selected books. The exception was Luna Lovegood, who didn't appear until the fifth book, but who became a close friend of Harry Potter's for the rest of the series. In addition, the later

books featured some changed allegiances as well as romantic partnering, but I didn't include these variations in my ontology.

I started with the idea of Hogwarts and how things were structured from within: from the House structures to the students, teachers and other characters in the castle. I included house ghosts and companion animals because they are part of the structure of Hogwarts itself. To get a fuller picture, I included some Other Characters, those who don't reside at Hogwarts during the series, to look at relationships with Harry's guardians, the Dursleys and his nemesis, Voldemort. Also, because they played an important and regular role in Harry's life, I included Ron Weasley's parents. I didn't include older brothers (although Percy was at Hogwarts for the first few years) because they didn't play a significant role in Harry's storyline at that point.

Also, I didn't go below "Class" for the characters. Harry Potter, for example, is not only a character in the book series, but also in the movie series. He also is connected with the screen actor as well as the voice actor for the audiobooks. I chose not to become too granular in that area and so didn't introduce "individuals".

I also kept "Traits" in a sibling relationship to the "characters" and "houses" because of the logic flow: the "traits" were part of the "students", for example, but were also part of other characters, so I didn't want them to be only children of some of the characters. The types of wands that select each wizard are significant, as is the blood-status of characters for part of the story, and so I included these as "traits".

I could have spent another month creating cross relationships, but felt that I had reflected the general sense of who's-who at Hogwarts on a regular basis and in connection to Harry Potter.

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Also my son William, for his almost photographic memory of all things Hogwarts, when I
needed clarification.