University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 100

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By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

Milestone 1

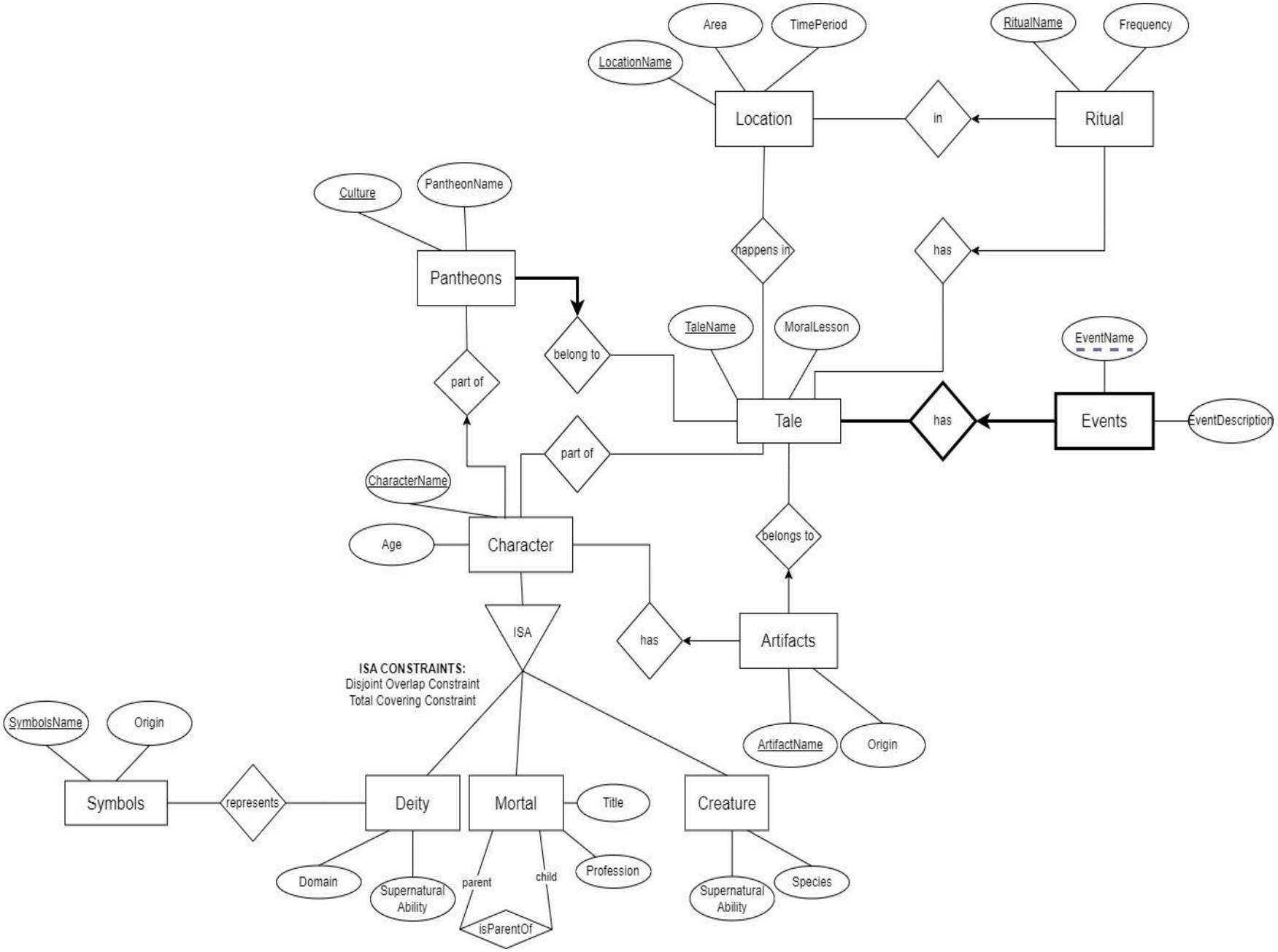
Project Description
The purpose of our application is the preservation of cultural stories and mythologies of different cultures, both ancient and modern, allowing the public to educate themselves about various belief systems around the world. Our application is also not limited to belief systems of antiquity, it could also serve to document various modern belief systems and be used as in a religious context. Thus, the domain of our application would be religion, mythology, and international culture.

Our database models various aspects of a given culture's belief system, the pantheon they believe in, the characters thus associated, and the symbols, tales, and events that help construct this system. We envision our database being used by people to learn about other mythologies or to reconnect with their own cultures, or to be used as an educational tool for those who wish to further their knowledge of their own beliefs. In our database we also include symbols, motifs, and artifacts surrounding various deities, tales, and pantheons, which would help add historical context to their significance and meaning in an educational setting.

Database specifications
Our Oracle-based database will enable users to query collections of mythological tales and figures from various cultures (Greek, English, Japanese, etc.). The data will be able to entail what attributes distinguish each figure or story and depict the various relationships they have between each other and further provide the user with a better understanding of their character/tale of interest by viewing their corresponding credentials (supernatural power/era/etc.). Hence, the user will be able to easily compare and comprehend their understanding of various branches of mythology.

Description of the application platform
Our group will be using the department provided Oracle. We have decided this because of the help we will get from Tutorials 6 and 7 regarding Oracle. We expect to use PHP as our technology stack because of the tutorials as well.

ERD: Our ER diagram will be on the next page.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ISA CONSTRAINTS:
Disjoint Overlap Constraint
Total Covering Constraint
SymbolsName
Origin
ArtifactName
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Symbols
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Deity
Mortal
Title
Creature
Domain
Supernatural Ability
parent
child
isParentOf
Profession
Supernatural Ability
Species