Final Project
Task Distribution report

The Waffle Stompers

Group 28

Group Members		
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Task/Load Distribution

Conceptual Database Design:
All 4 group members contributed to the creation of the EER diagram. All group members used to meet up in TFDL, before starting each group member shared their ideas about how the design should go forward. Load was distributed in a way that each member was responsible for a specific **ATTRIBUTE** and its **ENTITIES.** Once each group member was done their work was checked by another group member, then finally Draw.io was used for drawing the EER and each group member had access to one single Draw.io file where everyone used the tools to make the EER and used the expertise each member had for making a perfect EER. Answers to the EER were done by group member Shayyan Asim and rechecked by all of the group members

Logical Database Design and Creation Code:
Again all 4 group members contributed to making the relational data model. Draw.io was used and each group member worked on a single file. Task was distributed in such a way that 2 group members were responsible for making the skeleton like making the tables and joining them using arrows and simultaneously 2 group members were filling in the information and identifying foreign and primary keys etc. Roles were switched back and forth.

For the creation of the database group member Thomas Bhavnani worked on MY SQL and hardcoded the data by putting in relevant information. Group member Shayyan Asim collected the data that was used by Thomas Bhavnani. Group members Nicholas Garcia and Damon Mazurek were responsible for fixing errors and alignment issues that were encountered.

Query Code:
Load for this part of the project was distributed according to the level of expertise each group member had about SQL. Group member Nicholas Garcia having extensive knowledge of SQL was responsible for doing most of the query code. In the event that Nicholas faced issues communication was done on discord server which includes all the group members, and each member using the level of expertise they had addressed on how the issue can be resolved.

Python Application:
Group member Damon Mazurek having significant experience when it comes to working with python was responsible for doing the python application. Thomas Bhavani assisted in making the guest_interface function. In the event that Damon needed some information or was facing issues active communication was being done at all times in discord server where every group member provided the best support according to their capabilities.

The task distribution report was written by group member Shayyan Asim after taking consent of each group member and stating truthful information above.

Additional Information

In order for the database to function correctly, the museum_db.sql file must first be ran as 'root' user. Once this is done, interface.py can be run. If the database is not created first, interface.py will not run correctly.

interface.py is the actual file which is be executed in the command prompt to access the database.

The password to the 'admin' user is 'admin'.