

Project Description

The domain of our project is technology, inventory management, and PC (personal computer) component and part researching. PC parts are modeled by our database as well as participation constraints. This modeling of the PC components allows users to understand each part of the PC and what is required to create your own. The cardinality of parts are also included in the model to guide users with how many of each component they may have.

Database Specification

Our database will provide users with the ability to look up the price of different PC parts and customize a PC to their liking. Once they have finished building the PC, they will be provided with the price which is based on the parts they have chosen. Moreover, the database will ensure that users are choosing parts that are compatible with each other based on a myriad of requirements such as size, power consumption, etc.

Description of Application Platform

The database management system that we have chosen to use for this project is Oracle. Although none of us know PHP, it is a language that we will be exposed to in class and tutorials. Thus, we would like to use this opportunity to learn a new language while also being able to ask the TAs for help and guidance if we encounter any obstacles during our project.

