

Dream Team

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Entity Relationship Diagram (ERD)

This entity relationship diagram (ERD) is a visual representation of the entities, their attributes, and the relationships between them, that are all relevant for the Pets4Life project development. This serves as a blueprint for how data will be stored and connected, creating a visualization of the system's structure while ensuring data integrity. The table names, known as entities, represent real-world concepts about which data is stored, which in this case will be the various systems used (event scheduling, volunteer sign-up, etc.) and the audiences of Pets4Life. The attributes are then characteristics of this entity that give them identifiable information. The lines connecting these entities are relationships and explain how entities interact with one another through an action. This database was made from an understanding of the client's organization and analyzing the information needed to run all processes. This diagram was made using crow's foot notation, meaning there are distinct symbols to indicate cardinalities of relationships, or in other words, the number of instances that can occur in the relationship. The client's emphasis, using feedback from past database designs, on the distinct differentiation of user types and modeling of flows was heavily noted and demonstrated in this diagram.



**Dream Team Entity
Relationship Diagram**

