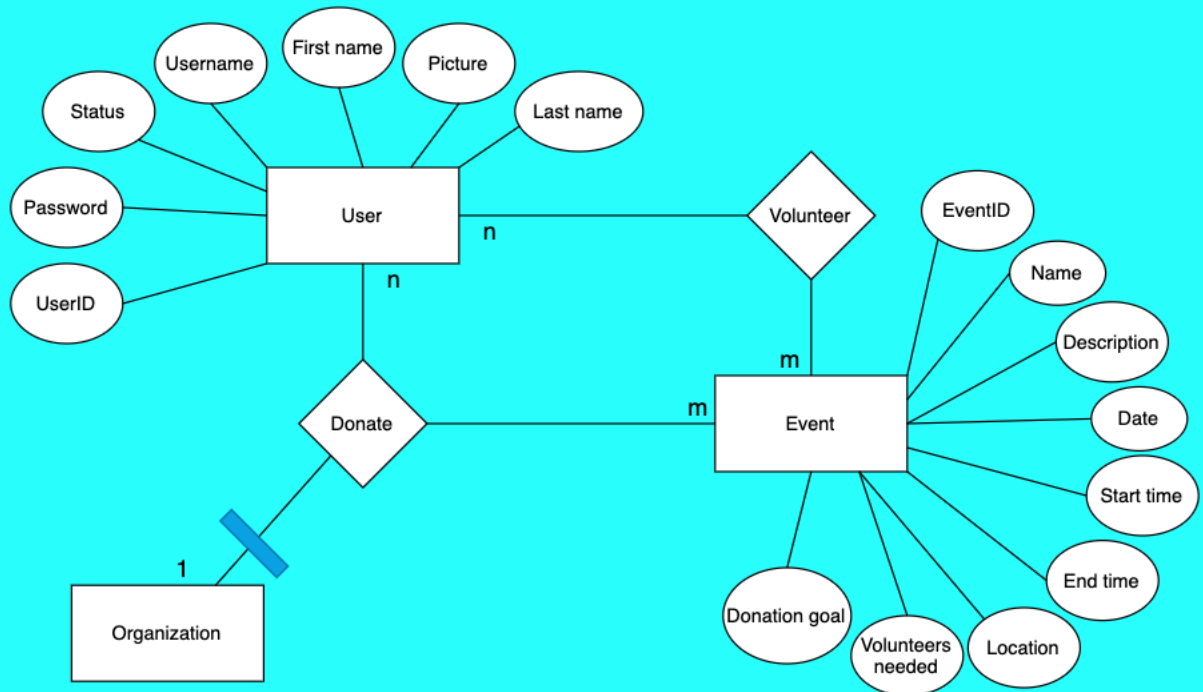


## ER Diagram for Aptiv Web App Database

CS 341

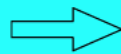
Group #2: Andrew Krause, Riley Radle, Anthony Musbach, Zach Gephart



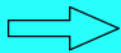
## Explanation

### Relationship - Volunteer

- Entities - User and Event
- Cardinality for User is n
- Cardinality for Event is m
- Modality for User is 0
- Modality for Event is 0



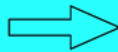
Many users can volunteer for many Events



No particular user for a particular event

### Relationship - Donate

- Entities - User, Event, and Organization
- Cardinality for User is n
- Cardinality for Event is m
- Cardinality for Organization is 1
- Modality for User is 0
- Modality for Event is 0
- Modality for Organization is 1



Many users can donate to many events, or one organization



No particular event that a user is restricted to when they donate. There is only one organization the user can donate to, which is the nonprofit organization called Aptiv.

## Class Diagram for Aptiv Web App

CS 341

Group #2: Andrew Krause, Riley Radle, Anthony Musbach, Zach Gephart

