The Dream Team

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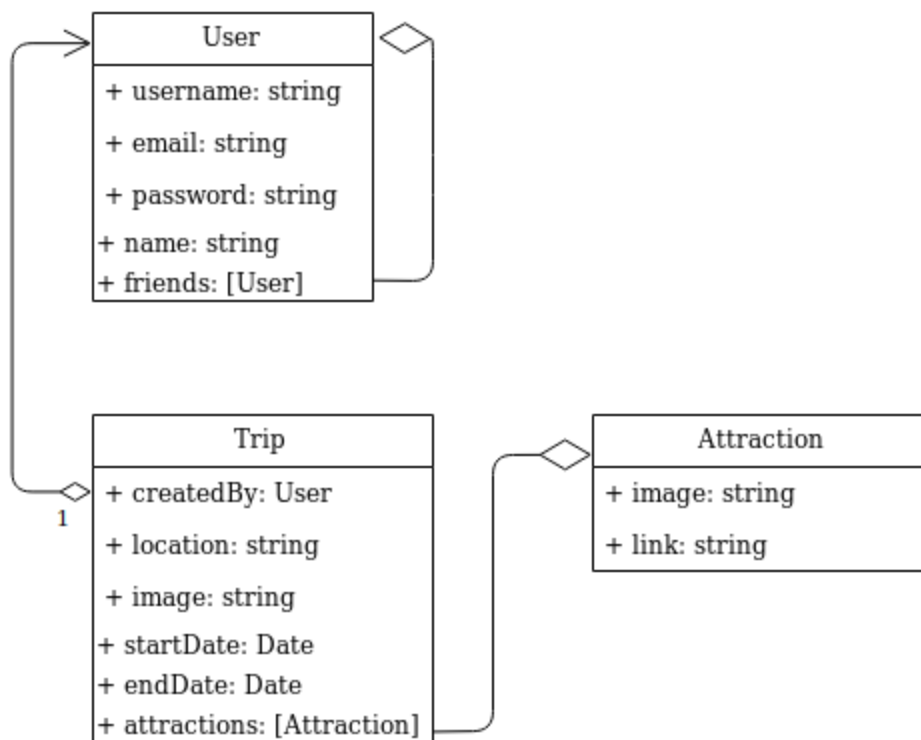Derek Sayl, dsayl001@ucr.edu

Justin Schopick, jscho004@ucr.edu

Design Document

Updates

1. Lab 3 10/17/18- Scrum sheet completed for lab 3, Rudimentary design document outlining current design plans created, subject to change. 4 tasks have been assigned and started for ID's 1 and 11.

    a. User account (Aaroh Mankad)

    b. User interface (Justin Schopick)

    c. Database (Derek Sayl, Andrew Pirelli)

    d. Day Planner (Joshua Madrid)

2. Lab 4 10/24/18-

Architecture

```
                    ┌──────────────────────┐
                    │         User         │◇
                    ├──────────────────────┤
                    │ + username: string   │
                    │                      │
                    │ + email: string      │
                    │                      │
                    │ + password: string   │
                    │ + name: string       │
                    │ + friends: [User]    │
                    └──────────────────────┘

   ┌────────────────────────┐        ┌──────────────────────┐
 ◇ │          Trip          │      ◇ │      Attraction      │
 1 ├────────────────────────┤        ├──────────────────────┤
   │ + createdBy: User      │        │ + image: string      │
   │                        │        │                      │
   │ + location: string     │        │ + link: string       │
   │                        │        └──────────────────────┘
   │ + image: string        │
   │ + startDate: Date      │
   │ + endDate: Date        │
   │ + attractions: [Attraction] │
   └────────────────────────┘
```

Data Model

User:

- Username
    - Unique, required
- Email
    - Unique, required
- Password
    - Required
- Full Name
    - First name
    - Last name
- Friends
    - List of User IDs

Attraction:

- Image
- Link
    - To Google Maps

Trip:

- Created By
    - User ID
- Location
    - City, State, Country
- Cover Image
    - Pull from first Attraction in list

- Start Date

- End Date

  - Validate that end date is after start date

- Attractions

  - List of Attraction IDs

<u>Interfaces</u>

<u>Diagrams</u>