



Diagram Symbols and Meanings:

(Also defined in ER Diagram)

Blue Box -> DB Entity

Yellow Box -> UI Component

Short entity descriptions

Feed:

The feed represents the main column, right column and left column. Each feed will contain many feed items that will contain interesting data.

Feed Item:

Exists within a feed. Feed item represents each component we are building within the feeds. This allows for consistency across the site.

Trip Summary Item: Feed Item that has info about the trip it references.

Trip: This item contains all of the information for a trip. This includes the name of the trip, the name of the author, the trips start location and destination, and many other pieces of information.

User: This item contains all of a user's information. This includes the user's name, their user id, and some other information.

Customization Item: Feed item containing options to customize your trip.

Restaurant Feed Item: Feed Item that has many different Restaurant Summaries. If we go on a long trip, this feed item will need many different *Restaurant Summaries*.

This item will also contain a *Comment Area* for users to add *Comments* to.

Restaurant Summary: This item contains core information about the restaurant. Namely, name, rating and cost of the restaurant.

Activity Item: Feed item that has many different Activity Summaries. Like the restaurant feed item, a longer trip will need many different activity summaries.

Activity Summary: This item contains core information about the activity. Namely, name, a description, price, and rating of the restaurant.

Accommodation Items: Feed item that has many different Accommodation summaries. Again, just like the restaurant feed item, if it's a longer trip we will need many accommodation items (for multiple hotels).

This item will also contain a *Comment Area* for users to add *Comments* to.

Accommodation Summary: This item contains core information about the accommodation. Namely: name, type (hotel, motel, etc), price, and rating.

Comment Area: Item that has many comments for a particular item. It exists within a Restaurant Item, Accommodation Item, and Activity Item.

Comment: Maps to a specific comment area and a User.

Page to Entity Relations

Choose City Modal: The “Choose a City” page displays a short list of a few “Trip Summary Item”s for the User to choose from, bringing them to a page with the full description. The right sidebar of our app, the “Attractions Near You” element, is a “Feed” that displays a list of “Feed Items” that represent attractions near the user’s location.

User-Generated Page: The “User-Generated” page’s main feed displays a list of “Trip Summary Items” that have been generated specifically by the user.

Full Trip Details Page: This page will contain feed items including ‘Accommodation items’, ‘Restaurants Items’, and and ‘Activities Items’.