

Who participated:

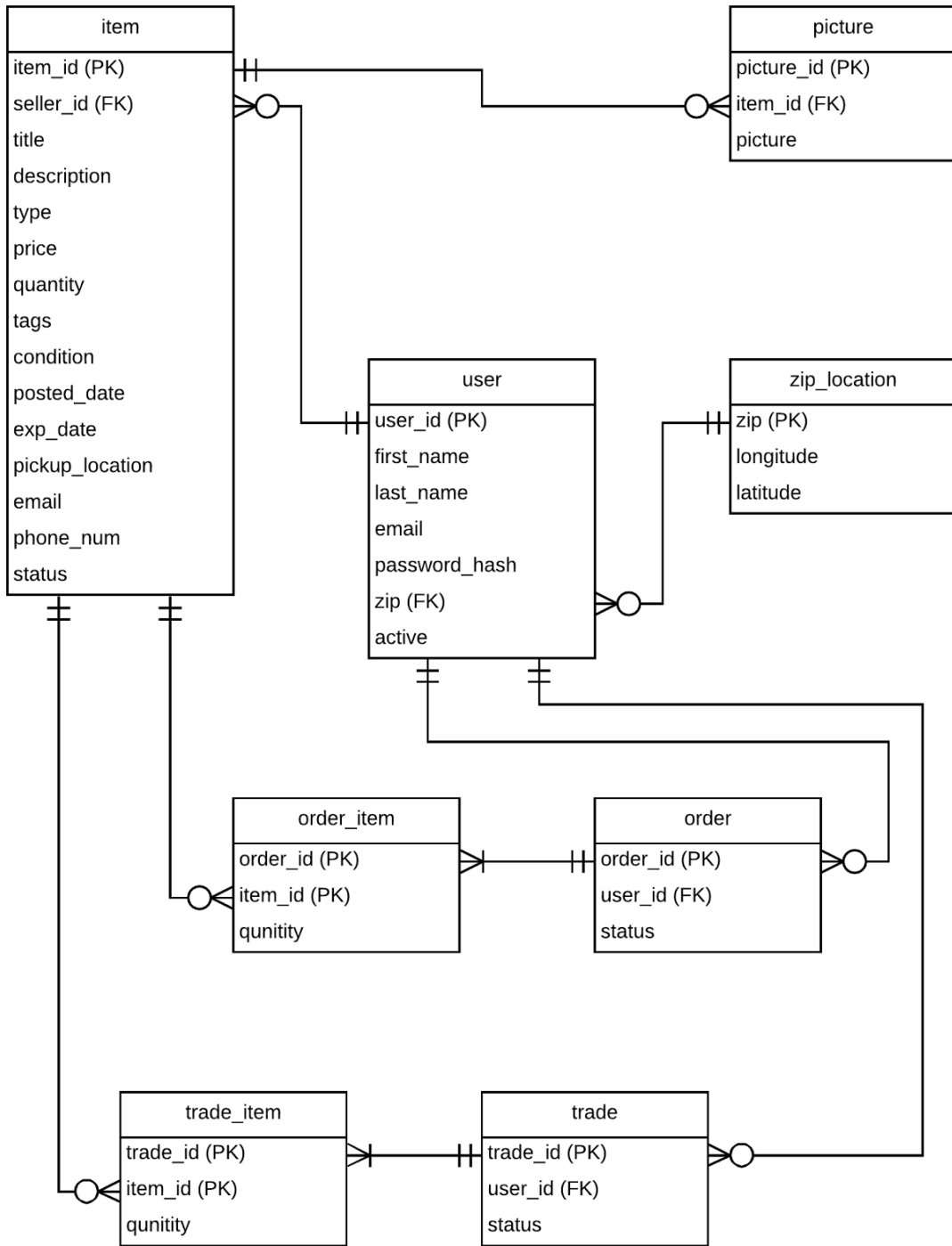
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Prioritized Lists of Customer Requirements:

- Be able to apply a charge per transaction
- User be able to set up an account with validated email
- User is able to put items for sale
- Seller can easily upload an item to sell/trade
- Item is posted for one week by default
  - Listing is set to expire in one week by default, can be changed by user depending on item being sold
- Record of Buying and Selling
  - Users will be able to access a purchase/selling history for taxation purposes
- Buyers and Sellers are able to offer/accept trades (NO BARTERING)
- Buyer may specify quantity of item to buy
- Buyer can look at items without setting up an account
  - Unregistered users can only view listings, need to register to buy items
- Stream is the home page
  - The home page is the feed of items being sold, in chronological order with the newest listings at the top
- Simple layout/design according to Material Design standards
  - Easy to see colors and easy to navigate layout

#### **Minor Requirements**

- Buyers and Sellers have to ability to message within the app
- User has ability to leave rating on sellers/produce
- Search by Keyword
- Set the distance where they can only be seen for 25 miles away
- Apply for a refund
- Option to toggle between closeness and proximity
- Report users
- Ability to tag a friend
- Search by tags (ie. Organic/No Spray)



Event ID	Source	Trigger	Response	Major Outputs	External Destinations
L1	Customer	Enters the app	Shows a list of items within 25 miles	Home feed	None
L2	Customer	Presses the account button	Shows login page	Login page	None
L3	Customer	Login to user account	Validation from the server	1. User logged in 2. Error	None
L4	Customer	Selects to create an account	Creates a form to allowed to enter user information	1. New account sent into the home feed 2. Error	Project database
L5	Customer	Submitting the create account form	Sent to the server for validation	1. User added to the database and sent to the home feed 2. Error	Project database
L6	Customer	Selects to delete an account	Server asks if customer is certain that they want their account information removed	Updates account status to "inactive"	Project database
L7	Customer	Updating user account	Updates the information in the user profile	1. Update for account row 2. Error	Project database
L8	Customer	Pressing the Distance Button	Pop up box where customer can edit the distance that	Changes searching distance to the set amount	None

			the app looks for items		
C1	Customer	Enters a quantity	Calculates price	Price	None
C2	Customer	Buys items	Adds an order to the database and notifies the seller	Order data, Email to seller	Project database, seller email
C3	Customer	Presses home button	Customer sent to the home feed	Home feed	None
C4	Customer	Views the details of a listing	Generates page with more information about the item	Item page	None
T1	Customer	Offers Trade	Adds a trade to the database	Trade data	Project database
T2	Seller	Accepted Trade	Update trade data to close trade and email offering customer	Trade data, email to offering customer	Project database, offering customer email
S1	Seller	Lists an item for sale	Adds new listing to database	Listing data	Project database
S2	Seller	Change time that listing is for sale	Updates expiration date of listing	Listing time updated	Project database
S3	Seller	Remove listing	Sets listing to inactive	Listing data	Project database

S4	Seller	Wants to post item	Sent to form for listing	Form created and displayed	None
S5	Seller	Clicks button to view trade offers	Sent to trade offers page	Trade offers page	None
S6	Seller	Clicks on button to view account listings	Sent to account listings page	Account listings page	None
S7	Seller	Clicks to edit listing	Sent to update listing page	Update listing page	None
S8	Seller	Confirms updates to listing	Updates listing in database	Listing data	Project database