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| --- | --- | --- | --- | --- | --- |
| **Event ID** | **Source** | **Trigger** | **Response** | **Major Outputs** | **External Destinations** |
| L1 | Guest | Enters the app | Shows a list of items within 25 miles | Home feed | None |
| L2 | Guest | Presses the account button | Shows login page | Login page | None |
| L3 | User | Login to user account | Validation from the server | 1. User logged in  2. Error | None |
| L4 | Guest | 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 | Guest | 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 | User | 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 | User | Updating user account | Updates the information in the user profile | 1. Update account information  2. Error | Project database |
| L8 | User | Pressing the Distance Button | Pop up box where customer can edit the distance that the app looks for items | Changes searching distance to the set amount | None |
| L9 | User | Get user update account form | Displays a page with fillable fields to update account information | Account update form | None |
| 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, Home Feed | Project database, seller email |
| C3 | User | Presses listing tab | User sent to the home feed | Home feed | None |
| C4 | User | 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, notifies seller | Trade data, email to seller | Project database, seller email |
| 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 |
| T3 | Seller | Cancel Trade Offer | Update the status of the trade to ‘declined’ | The trade is canceled | Project database |
| S1 | Seller | Lists an item for sale | Adds new listing to database | Listing data | Project database |
| S2 | Seller | Wants to create a new post | Goes to a new post form | Displays the new post form | None |
| S3 | Seller | Remove listing | Sets listing to inactive | Listing data | Project database |
| S4 | Seller | Clicks button to view trade offers | Sent to trade offers page | Trade offers page | None |
| S5 | Seller | Clicks on button to view account listings | Sent to account listings page | Account listings page | None |
| S6 | Seller | Clicks to edit listing | Sent to edit listing page | Edit listing page | None |
| S7 | Seller | Confirms edits to listing | Edits listing in database | Listing data | Project database |