Structured Relational Data Model

```
                           +-----------------------+
                           |      dim_users        |
                           +-----------------------+
                           | user_id (PK)          |
                           | active                |
                           | created_date          |
                           | last_login            |
                           | role                  |
                           | sign_up_source        |
                           | state                 |
                           +-----------------------+
                                       |
                                       ▼
---------------------------+   +-----------------------------+   +--------------------
       fact_receipts       |◄——|          dim_items          |——►|     dim_brands
---------------------------+   +-----------------------------+   +--------------------
receipt_id (PK)            |   | item_id (PK)                |   | brand_id (PK)
user_id (FK)              |   | receipt_id (FK)             |   | barcode (PK / FK)
purchase_date             |   | barcode (FK)                |   | name
date_scanned              |   | description                 |   | brand_code
create_date               |   | item_price                  |   | category
modify_date               |   | final_price                 |   | category_code
finished_date             |   | quantity_purchased          |   | cpg
points_awarded_date       |   | user_flagged_price          |   | top_brand
points_earned             |   | user_flagged_quantity       |   +--------------------
bonus_points_earned       |   | needs_fetch_review          |
bonus_points_reason       |   | needs_fetch_review_reason   |
total_spent               |   | points_earned               |
purchased_item_count      |   | rewards_group               |
rewards_receipt_status    |   | partner_item_id             |
---------------------------+   | points_not_awarded_reason   |
                               | points_payer_id             |
```