ScyllaDB Shopping Cart

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Shopping Cart :: Data Model

- Behavioral Encapsulation by `Cart Service`
- One shopping `Cart` per application user in ScyllaDB table: "carts"
- This carts table will hold one row per `Cart`.
  - Each `Cart` contacts a `list of tuple` in the row (as text to keep it simple): `itemNum, description, cost`
  - A single cart `tuple` value as it may appear in ScyllaDB:
    - ("SKU-75299", "LEGO Star Wars: The Mandalorian Trouble on Tatooine 75299 Awesome Toy Building Kit for Kids Featuring The Child, New 2021 (277 Pieces)", 29.99)

Shopping Cart :: Data Model

- Data model:

```
CREATE TABLE carts (

    id text PRIMARY KEY, // userID

    cart list<tupple<text, text, float>> // cart items

    isCheckedOut boolean

    totalCost float

)
```

Shopping Cart :: Software Design