# User Actions

Transaction

* View all
* View individual
* Add new
* Edit current

Location (tesco, bank etc.)

* View all
* Add new

Transaction contents

* Amount spent
* Date (time)
* Location
* Item class

# Tables

Transactions

Locations

Items

# Attributes

Transactions

* Amount - INT
* Date - DATE
* Items –REFERENCES item(id)
* Location – REFERENCES Locations(id)
* ID – SERIAL8

Location

* Name – VARCHAR(255)

Items

* Name – VARCHAR(255)

# Table Relations

Transaction - (many to one) – Location

Transaction - (One to one)

|  |  |  |
| --- | --- | --- |
| * **Constraint** | * **Possible Effect of Constraint on Product** | * **Solution** |
| * **Hardware and software platforms** | * User may be viewing on incompatible browser or mobile device | * Maximise compatibility over different devices |
| * **Performance requirements** |  |  |
| * **Persistant storage and transactions** |  |  |
| * **Usability** |  |  |
| * **Budgets** |  |  |
| * **Time limitations** |  |  |