Log in

A screenshot of a cell phone

Description automatically generatedName/Password/Verification Code

Register

A close up of a piece of paper

Description automatically generated

Name/Password/Verify password/employee id/employee name/phone number/address

Commodity storage: put commodity into warehouse

A screenshot of a cell phone

Description automatically generated

Commodity bar code/name/count/unit/price

Commodity out: return food expired or damaged

A screenshot of a cell phone

Description automatically generated

Commodity shelves:

A screenshot of a cell phone

Description automatically generated

Merchandise off the shelf

A screenshot of a cell phone

Description automatically generated

Product recommendation (APRIORI ALGORITHM)

A screenshot of a computer

Description automatically generated

Apriori算法的原理简单介绍如下：通过扫码数据库，累计每个项的计数，并收集满足最小支持度的项（例如在无人超市系统中，被购买次数大于1的商品，在这个例子中最小支持度阈的绝对值设为了1），找出该单元素集合。接着，使用这个集合找出两个元素的集合，并再次找出满足最小支持度的项。如此下去，直到不能再找到频繁N项集（即有N个元素的频繁项集）[12]。在本无人超市系统中，最小支持度阈值被设置为相对值20%，通过统计事务集的个数（即超市顾客的订单数），与相对最小支持度相乘即可得到最小支持度的绝对值。

Wechat Platform

A screenshot of a cell phone

Description automatically generatedA picture containing monitor, electronics, indoor, screen

Description automatically generated

**A screenshot of a cell phone

Description automatically generated**A screenshot of a cell phone

Description automatically generated