**S-Mart: Application(s) Plan**

Github repo: <https://github.com/dwilldev/s-mart>

Refer to the README.md file for setup instructions

Internet

**Logic:**

1. We need to display product catalog
2. We need a customer account / profile
3. We need a shopping cart system

**UI:**

1. Brand colors
   1. Logo blue = #B6D5F1
   2. Logo yellow = #fcd109
   3. Logo red = #d12028
   4. Complimentary blue = #6FB4F3

**Data Model:**

1. Products table
   1. Product id
   2. Name
   3. Description
   4. Image
   5. Quantity
   6. Location id
2. Customers table
   1. Customer id
   2. First name
   3. Last name
   4. Address
3. Orders table
   1. Order id
   2. Customer id
   3. Product id
4. Store locations table
   1. Location id
   2. Name
   3. Address

Intranet

**Company Departments**

Accounting (payroll)

HR (employee management)

Employee

Management

Security

Marketing

Training / Education

Logistics (shipping/receiving and inventory)

IT

Facilities/Maintenance

**Logic:**

1. We need an accounting system to track company’s
   1. Revenues
   2. Expenses
   3. Assets
   4. Liabilities
   5. Payroll
2. We need an HR system to
   1. Add new employees
   2. Manage existing employee records
   3. Employee training
3. We need a system for management such as
   1. Scheduling
   2. Task lists

**UI:**

**Data Model:**

1. Employees table
   1. Employee id
   2. First name
   3. Last name
   4. Salary
2. Departments table
   1. Department id
   2. Name
3. Issues table
   1. Ticket number
   2. Subject
   3. Description
   4. Employee id
4. Payroll table
5. Roles table
   1. Role id
   2. Position
   3. Access level
   4. Employee id

**Helpful Resources:**

<https://www.mockaroo.com/> - data(base) mockup tool

<https://www.w3c.org> – HTML / CSS / JavaScript reference

<https://www.w3schools.com/howto/> - Great place for some barebone JS scripts

<https://www.codecademy.com> – some free tutorials (namely SQL)