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| Scenario-01 | Scenario |
| You are a developer at a small development firm, working primarily in web and application design. Your firm has been contacted by James Jones, the manager of a local supermarket who is interested in working with your firm to create an application that will allow his customers to put together a shopping list from any internet connected and browser capable device from home.  Your firm has decided to take on the contract, and has asked you to start with planning, designing and building a user facing web application, while another developer works on developing the database and Back-end requirements for the solution. | |

**Requirements**

James has indicated that a simple Shopping List is required to start, with many more features a possibility in the future if the initial development goes well.

The following sections provide further detail on the specific functionality and design requirements for the application to be developed:

**Functionality**

The primary purpose is to provide users:

* A facility to provide an email address to log in, with the company logo displayed
* A screen where existing shopping lists are displayed and can be selected or the option to create a new shopping list
* A screen to edit existing shopping lists, including:
* Add a new item
* Remove an item
* Total the price of the items
* A screen to create a new Shopping list including:
* Add a new Item
* Remove an Item
* Save the shopping list
* Cancel the Shopping List
* A settings screen or option to allow the user to switch between light and dark mode
* An **About Us** page where details for the business can be listed, and a company video could be linked or embedded into the page.

**Notes**

Adding an item to a shopping list could be done with a search feature or a drop down list of items

Where a list of shopping carts is displayed, the total dollar values of these carts and the date created should be displayed

**Design / Personalisation**

James has indicated that he would like to see the developed application show off the primary colour scheme of Sam’s warehouse, and has included an image of the 3 different shades of blue used in the supermarket:

Shape

Description automatically generated with low confidence

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**Graphics and Multimedia:**

James has provided their company logo, in black and white, and would like to see this logo animated in at least one area of the web application



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This logo has been provided in a Scalable Vector Graphics format to assist in animating and rendering the logo.

James has also indicated that there is a short video of landscapes and vistas that he would like included in the application, in an ‘**about us’** section.

This video can be found on YouTube at the following link: <https://youtu.be/iUtnZpzkbG8>

**Customisation**

James has requested that the developed application present an option to users to switch between light and dark mode, or to adjust the contrast of the colour scheme to make using the application easier at different times of the day and on different devices.  
  
This option could be presented in a settings page and needs to apply the options to every page in the application.

**Supporting Documentation**

James has included a list of popular items and prices to assist in developing the application.

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| Item Name | Unit | Unit Price |
| Granny Smith Apples | 1kg | $5.50 |
| Fresh tomatoes | 500g | $5.90 |
| Watermelon | Whole | $6.60 |
| Cucumber | 1 whole | $1.90 |
| Red potato washed | 1kg | $4.00 |
| Red tipped bananas | 1kg | $4.90 |
| Red onion | 1kg | $3.50 |
| Carrots | 1kg | $2.00 |
| Iceburg Lettuce | 1 | $2.50 |
| Helga's Wholemeal | 1 | $3.70 |
| Free range chicken | 1kg | $7.50 |
| Manning Valley 6-pk | 6 eggs | $3.60 |
| A2 light milk | 1 litre | $2.90 |
| Chobani Strawberry Yoghurt | 1 | $1.50 |
| Lurpak Salted Blend | 250g | $5.00 |
| Bega Farmers Tasty | 250g | $4.00 |
| Babybel Mini | 100g | $4.20 |
| Cobram EVOO | 375ml | $8.00 |
| Heinz Tomato Soup | 535g | $2.50 |
| John West Tuna can | 95g | $1.50 |
| Cadbury Dairy Milk | 200g | $5.00 |
| Coca Cola | 2 litre | $2.85 |
| Smith's Original Share Pack Crisps | 170g | $3.29 |
| Birds Eye Fish Fingers | 375g | $4.50 |
| Berri Orange Juice | 2 litre | $6.00 |
| Vegemite | 380g | $6.00 |
| Cheddar Shapes | 175g | $2.00 |
| Colgate Total Toothpaste Original | 110g | $3.50 |
| Milo Chocolate Malt | 200g | $4.00 |
| Weet Bix Saniatarium Organic | 750g | $5.33 |
| Lindt Excellence 70% Cocoa Block | 100g | $4.25 |
| Original Tim Tams Choclate | 200g | $3.65 |
| Philadelphia Original Cream Cheese | 250g | $4.30 |
| Moccana Classic Instant Medium Roast | 100g | $6.00 |
| Capilano Squeezable Honey | 500g | $7.35 |
| Nutella jar | 400g | $4.00 |
| Arnott's Scotch Finger | 250g | $2.85 |
| South Cape Greek Feta | 200g | $5.00 |
| Sacla Pasta Tomato Basil Sauce | 420g | $4.50 |
| Primo English Ham | 100g | $3.00 |
| Primo Short cut rindless Bacon | 175g | $5.00 |
| Golden Circle Pineapple Pieces in natural juice | 440g | $3.25 |
| San Remo Linguine Pasta No 1 | 500g | $1.95 |