

Tasks Completed:

- Saksham Jain (s3923854):
 - Base-React Application Code
 - Search Item by Category (Frontend)
 - Sign In Page UI (Frontend)
 - Sign In Page Functionality (Frontend)
 - Integration of Frontend with Backend (Using Axios)
 - Updated Backend Controllers to include CORS Policies
 - Breadcrumbs Menu for each webpage (User-Friendly UI)
 - FilterBar (Sort By & Search for a specific item)
 - Official SuperPrice Logo
 - Product List Webpage UI (Frontend)
 - Product List Webpage Functionality (Frontend)
 - Integration of Navbar and Footer with the rest of the website
 - Test for Frontend to ensure that it runs without Errors.
 - Fixed all CI Errors for build-frontend
 - CI Failure and Success Document for frontend
 - New Requirements for functionality
- Lawrence Dawood (s3668011):
 - Designed and Implemented the Database
 - Researched and selected the appropriate database type
 - Defined the database schema, including tables, columns, and data types.
 - Established relationships between tables (primary and foreign keys).
 - Tested the database with sample data to ensure functionality.
 - Initial Implementation of Continuous Integration
 - Set up the CI/CD environment and infrastructure through 'Git Actions'.
 - Created a build script to automate code compilation.
 - Configured notifications for build failures or successes.
 - Designed the Database Entity Relationship Model:
 - Established relationships between entities (one-to-one, one-to-many, many-to-many).
 - Visualized the entity-relationship diagram using tools or software.
 - Reviewed and optimized the model for normalization.
 - Rectification of Flyway Migration Issues:
 - Identified the root cause of migration issues.
 - Tested migrations in a staging environment to ensure they work as expected.
 - Maintained consistent communication with Krisanahari (Backend) to ensure both database and code compatibility.

- Krisanahari Siva (s3941378)
 - Created base backend code (without microservices).
 - Created a development branch to store minor fixes during merger with feature branches.
 - Re-formatted backend code with three new microservices
 - Product Service
 - User Service
 - Delivery Service
 - Each microservice has its spring boot application with h2, JDBC, flyway and more set up for feature implementation.
 - Re-formatted CI for the three microservices (so it tests all three when pushed into respective branches).
 - Fixed minor CI fail error caused by flyway migration.
 - Created fail and pass tests for repository in Product Service microservice.
 - Implemented repository by finding the best price between all stores for each product in the database.
 - Created fail and pass tests for service and controller for Product Service.
 - Implemented Service and Controller which passes the results from the repository to the controller into a GET response.
 - Fixed flyway issues during build.
 - Updated repository for Product Service to include image path for each product in the database. Allowing the front end to navigate and display each product image accordingly.
- Lance Belen (s3944846)
 - Created base backend code
 - Restructured base backend code
 - Created separate directories for microservices for implementation of its separate spring boot application.
 - Created base code for User Service.
 - Implemented repository and model for User Service feature Sign-in.
 - Created fail and pass tests for repository in User Service microservice, specifically for the sign in feature.
 - Implemented repository by finding the given username and password in the database.
 - Created fail and pass tests for service and controller in User Service microservice, specifically for the sign in feature.
 - Implemented service and controller to pass the result from the repository to the controller.
 - Implemented a POST method in controller for handling the user's credentials.
 - Wrote additional User Story and Use Case
 - Created the Sprint Retro

- Laura Gatt (s3945256)
 - Set up all minute meetings
 - Took notes for meetings
 - Created the Navigation bar
 - Implemented the Footer bar
 - Created a search bar (not yet functional)
 - Created Home Page (when you click the logo in upper left corner, it will take you to the home page)
 - Created a notification page which will give user ability to enable or disable notifications/ customize their notifications (not yet implemented)
 - Created a profile page which will show the user all their details and user information where they can edit their info as they please (not yet implemented)
 - Created a liked page which will show the user all the products that they have liked (not yet implemented)
 - Created a cart page which will show the items in a user's cart (not yet implemented)
 - Set up links to pages for Shop: "all products", and "lowest prices"
 - Set up links to pages for Stores: "all stores", and "compare stores"
 - Set up links to pages for Account: "About Account", and "Account notifications"
 - Fixed and added user stories
 - Updated the wireframes