Scan Market

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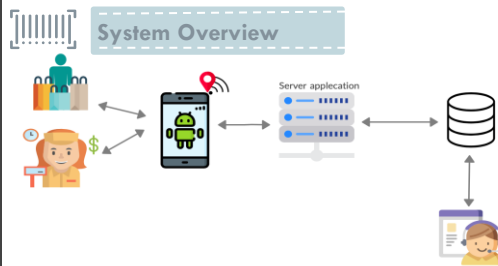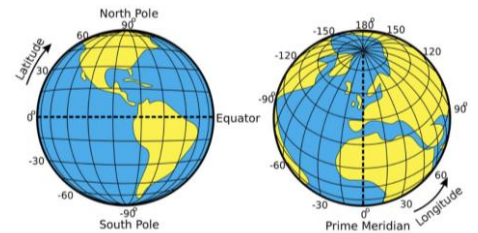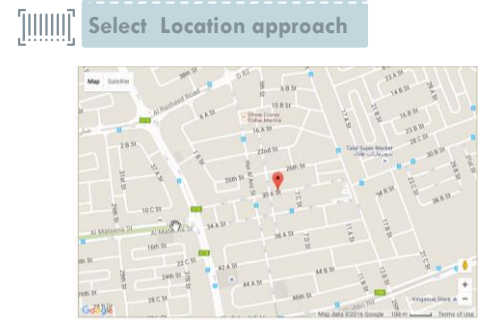
People need an easy and fast shopping method in order to help them save time and effort and help retailers satisfy consumers and reduce work pressure on employees.

Related Work

System Overview

Challenges

Reducing cashier crowding, especially in seasons, by using our app.

All food items are added to a private database and easily modified after purchase.

Management controls all database operations.

Multiple purchase methods according to the desire of the consumer and showing all previous invoices with all their information.

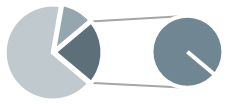Availability of the appropriate language (Arabic and English) in using the application.

Select Location approach

$$AB^2 = (x_B - x_A)^2 + (y_B - y_A)^2,$$

$$AB = \sqrt{(x_B - x_A)^2 + (y_B - y_A)^2}$$

Statistics

People supported the idea of self-accounts and were encouraged (complete the purchase yourself without the need to go to the accountant).
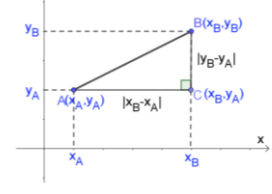
- Yes
- No
- Maype

Process approach

Features

Ease of purchase and self- payment without the help of a cashier

The possibility of using the   application in all regions of the Kingdom of Saudi Arabia

Ease of updating the database through the workers in the retailer available in the application

Conclusion

With the technological developments that took place in the Kingdom of Saudi Arabia with a vision for the year 2030 speed and ease are among the basic requirements that everyone is looking for, so this application will help all consumers to buy the fastest in the preferred way from any supermarket in the Kingdom.