# DBMS PROJECT REPORT

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Agriculture has always been the backbone of the Indian economy, but with the rise in migration towards urban areas and the demand for non-local fruits and vegetables on the rise, demand and supply have been lacking a lot. Quite a lot of fruits and vegetables in demand, like BlueBerries or Avocados, can't simply be grown in Indian Soil due to various factors like weather conditions, agricultural infrastructure , soil content, water requirements, etc. This has led to a huge gap in demand and supply in the agricultural sector. And thus, my project aims to fill in these gaps by sourcing these scarcely found agricultural products but instead of sourcing them from high-priced places and shipping them around the world, we will try to come up with alternatives to these perishable goods from different countries. For example, : Blueberries that we find generally in markets are exceptionally expensive and are generally either flown from USA or South Africa, which are half-way across the world. We want more sustainable options that pollute our environment less. Like United Arab Emirates, which grows its own blueberries in its green houses or gets them from Egypt, while still being far away, they are significantly closer to India than USA or South Africa. With this in mind, I have created my project, "Star Market."

- It aims to provide customers with faster delivery and easy access to perishable goods while using the same delivery structure as Blinkit.
- The suppliers get to set their own rate after they have passed through a supply quality check to ensure the highest standards of quality are maintained.
- The admin's or storefront managers will keep a check on all the transactions and deliveries that keep happening and will have access to 24/7 technical assistance.
- The delivery agents have complete control over what orders they choose to deliver with flexible in and out timings.
- The overall aim of this project is to facilitate the purchase of goods that are often seen as status symbols or scarce and provide them at a significantly lower cost.

The Stakeholders :

**Customers**:

They are the primary and most influential stakeholders in the lot. To use the website, the customer needs to be registered and logged into their account to place an order. There is always the option of signing up in case the person is a new first-time consumer.

Customer functionalities include:

- Browsing of products
- Keeping a wallet on site
- Add and remove products from the cart
- Secure payments with trusted bank partners

- View previous orders
- View the status of current order
- Tracking of delivery agent
- Transaction history

**Suppliers**:

These suppliers have the ability to be autonomous and sell various products at their convenience. While these prices do need to be approved by administrators to make sure they aren't outrageous.

Supplier Functionalities Include :

- Access to internal sales statistics of their products produced by the company.
- 24/7 Assistance
- Easy pickup of products by the company
- Hassle free and timely payments deposited at the time of purchase.

Administrators :

These will be the face of the company at the store front all of the queries regarding the order from the location will be sent to the administrator and could be held responsible for mishaps.

- Administrator Functionalities Include :
- Add/Remove Products from the catalouge
- Put up discounts and deals
- View the transaction history of the particular store.
- See all orders that need to be delivered, are being delivered and have been delivered today.

Delivery Agents:

They are the face of the company to the customer and will be trained in basic communication skills to ensure high quality service to the customer.

- Delivery Agent Functionalities Include :
- View past orders
- There is no access to locations after the delivery of order to ensure safety of the customer.
- Feedback from the customer
- Their current rating on the app