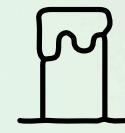




FRESH CONNECT



FRESH CONNECT



Connect With Food

- We are what we eat

4,0





VIVEKANAND COLLEGE FOR ADVANCE COMPUTER AND
INFORMATION SCIENCE,SURAT.

FRESH CONNECT

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INDEX

Sr.No	Topic
1.	Project Profile
2.	Project Introduction
3.	Project Objectives
4.	Scope
5.	Environment Description
6.	UML Diagram(UseCaseDiagrm)
7.	Collections
8.	Screenshot
9.	Refrence
10.	Conclusion

PROJECT PROFILE

Title	Fresh Connect
Front end tools	React
Back end tools	Mongodb , Node.js , Express.js
Guided by	Ms. Nidhi Mehta
Submitted by	Aman Patel Bhavika Patel Rutvesh Upale Vivek Gantiwala

INTRODUCTION

- Fresh Connect is an innovative digital marketplace revolutionizing how we handle near-expiring food
- The platform bridges sellers with excess inventory and buyers seeking affordable quality food
- Vegetable vendors can sell produce 1-2 days from expiration at discounted rates.
- Restaurant owners can list surplus food at reduced prices, converting waste into revenue.

- Our user-friendly interface allows easy inventory management and competitive pricing.
- Buyers discover great deals on fresh produce and restaurant-quality food.
- Features include real-time updates, secure payments, and location-based search
- We help sellers recover costs while making quality food accessible to price-conscious consumers.
- Our goal is creating a sustainable ecosystem minimizing food waste.
- Join us in making a difference, one connection at a time Mission.

OBJECTIVES

- Create a digital marketplace connecting near-expiring produce/restaurant surplus sellers with buyers.
- Reduce food waste by providing alternatives to discarding usable food.
- Offer sellers a platform to recover costs from would-be wasted inventory.
- Provide consumers access to quality food at reduced prices.

- Help sellers reduce waste and recover costs.
- Enable buyers to access quality food at lower prices.
- Benefit the environment through reduced food waste
- Create a digital marketplace connecting near-expiring produce/restaurant surplus sellers with buyers.
- Reduce food waste by providing alternatives to discarding usable food.
- Provide consumers access to quality food at reduced prices.
- Develop an intuitive, user-friendly interface for all users.
- Implement secure transaction processing and inventory management tools.

SCOPE



END USER



SELLER



RESTAURANT



ADMIN

End User

- Browse all products
- Filter by location/price
- Place orders
- Track order status
- Rate sellers/products
- Receive deal notifications
- Save favorite sellers
- Manage profile
- Contact sellers
- Set preferences

Seller

- Create vendor profile
- Add vegetable products
- Upload product images
- Update inventory
- Set delivery options
- Track sales performance
- Communicate with buyers
- View order history
- Set discount schedules
- Receive payments
- Receive payments

Restaurant

- Create restaurant profile
- Add leftover food listings
- Upload food images
- Set pickup locations
- Track order history
- Modify food listings
- Communicate with buyers
- Set time-based discounts
- Receive payments
- View customer ratings
- Access sales metrics

Admin

- Approve seller registrations
- Monitor platform activity
- Manage user accounts
- View analytics
- Implement system updates
- Feature sellers/products
- Send notifications
- Enforce quality standards
- Access financial reports
- Remove inappropriate content
- Manage platform fees

ENVIRONMENT DESCRIPTION

- Hardware / Software Requirement
- Tools & Technology Used

HARDWARE REQUIREMENT

Hardware Requirement	
Processer	Core i5
RAM	8 GB RAM
Hard-Disk	256 GB SSD

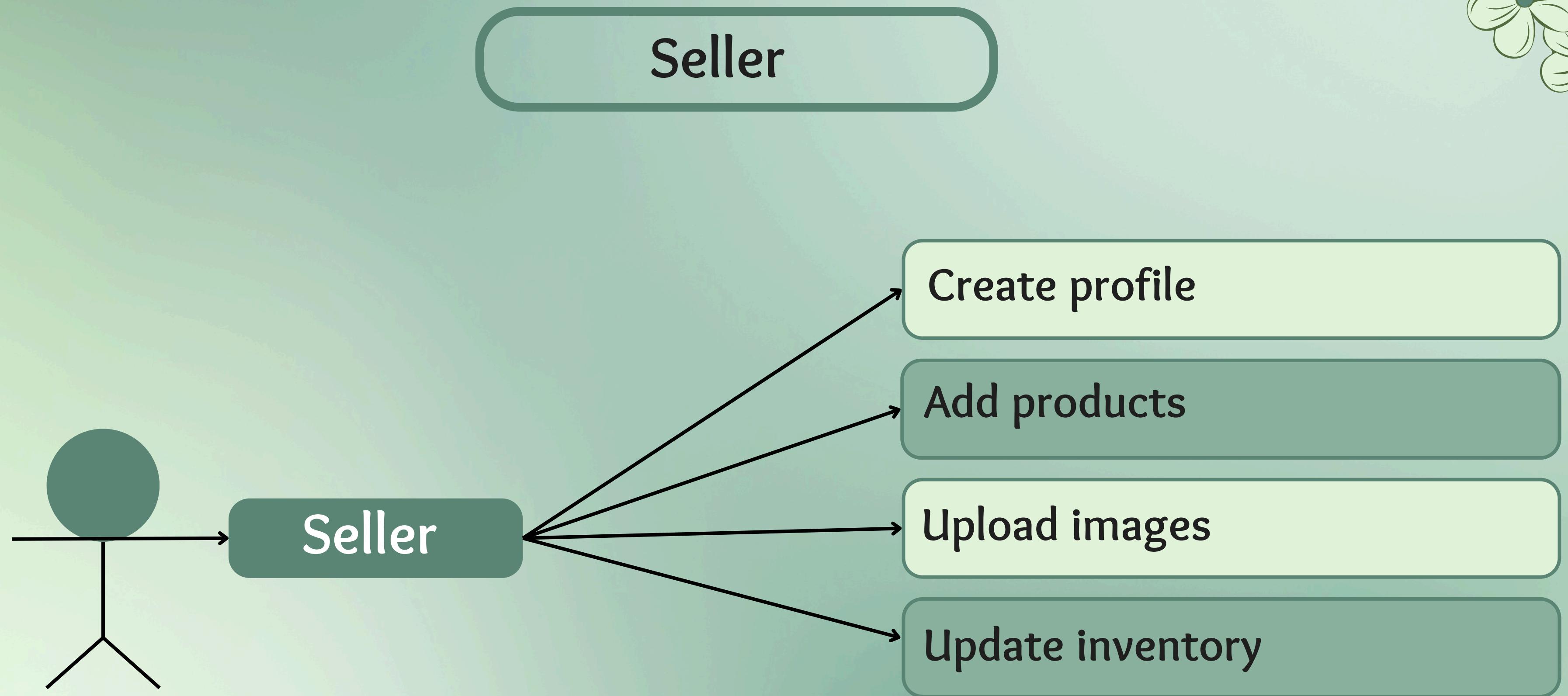
SOFTWARE REQUIREMENT

Hardware Requirement	
Processer	Core i5
RAM	8 GB RAM
Hard-Disk	256 GB SSD

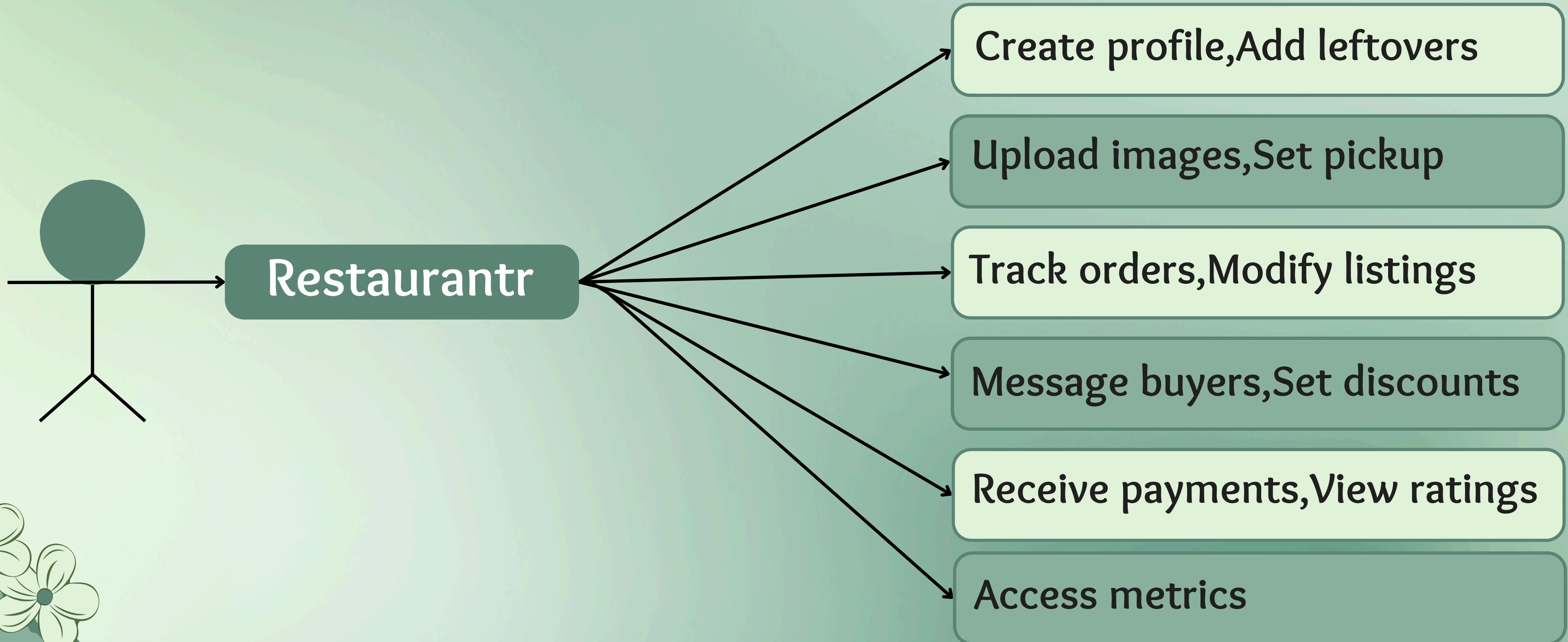
UML DIAGRAM (USE-CASE)

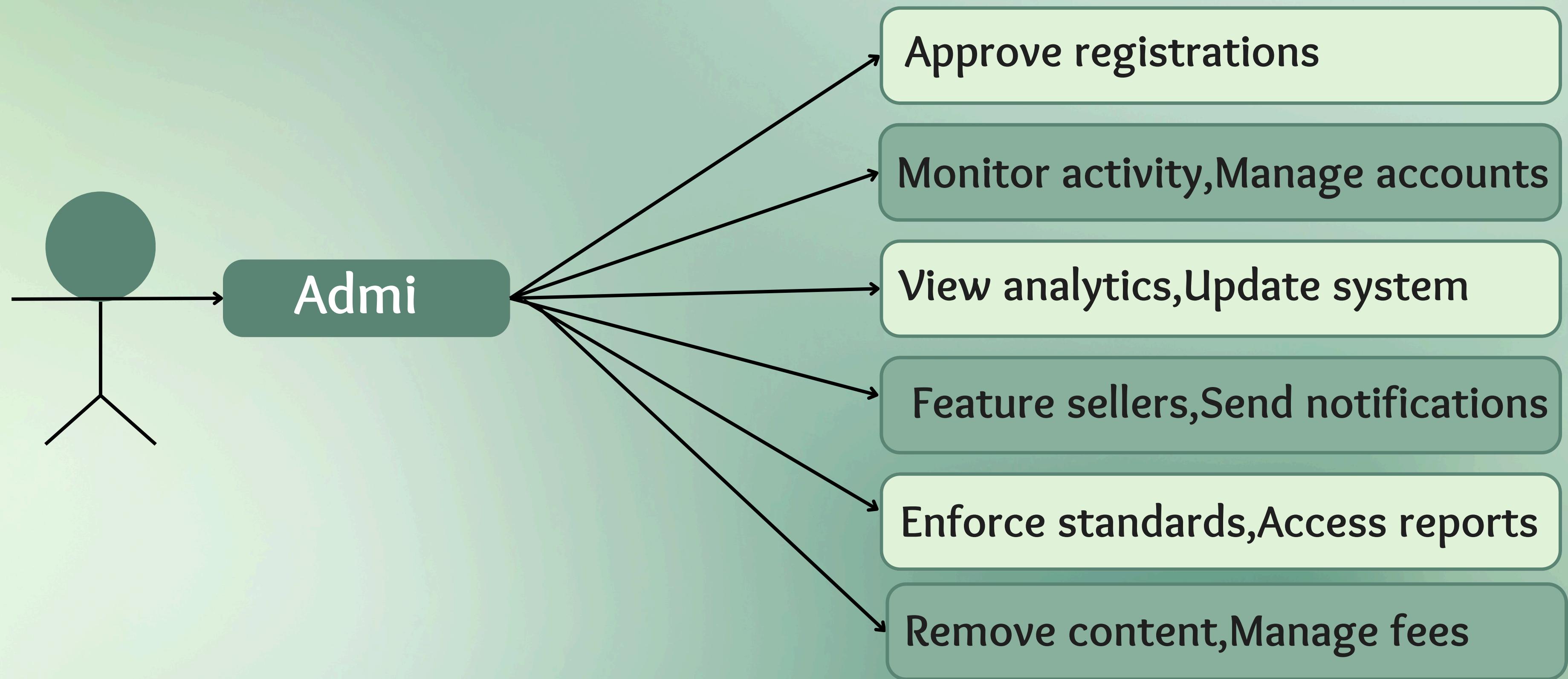
- End User
- Seller
- Restaurant
- Admin

End User



Restaurant





COLLECTIONS

Carts

Inventories

Feedbacks

Menuitems

Hotels

Orders

Imagestorages

Products

Purchases

Urgentsales

Wishlists

Reviews

Users

• End User

Field	Datatype	Constraints	Description
_id	Object	Primary Key	Indicates User ID.
name	String	Required	Stores the full name of the user.
email	String	Required, Unique	Stores the email address of the user.
password	String	Required	Stores the hashed password for authentication.
phone	String	Optional	Stores the contact phone number of the user.
role	String	Required	Indicates the role of the user (e.g., admin,user).
isVerified	Boolean	Default: false	Indicates whether the user's email is verified.
documents	Object	Optional	Stores references to user-related documents.
createdAt	Object	Required	Stores the timestamp when the user was created.
updatedAt	Object	Required	Stores the timestamp when the user was last updated.
__v	Number	System Field	Stores the versioning field managed by MongoDB.

• Products

Field	Datatype	Constraints	Description
_id	Object	Primary Key	Indicates Product ID.
name	String	Required	Stores the product name.
imageUrl	String	Optional	Stores the URL of the product image.
price	Number	Required	Stores the product price.
category	String	Required	Indicates the category ID of the product.
inStock	Boolean	Default: true	Indicates if the product is available in stock.
description	String	Optional	Stores the description of the product.
__v	Number	System Field	Stores the versioning field managed by MongoDB.
createdAt	Object	Required	Stores the timestamp when the product was created.
discount	Number	Optional	Stores the discount percentage on the product.
image	String	Optional	Stores the image of the product.

isFresh	Boolean	Default:false	Indicates if the product is fresh.
isOrganic	Boolean	Default: false	Indicates if the product is organic.
isVerified	Boolean	Default: false	Indicates if the product is verified.
numReviews	Number	Default: 0	Stores the total number of reviews.
rating	Number	Default: 0	Stores the average rating of the product.
reviews	Object	Optional	Stores the customer reviews for the product.
seller	Object	Required	Stores the seller's details or reference.
sellerType	String	Required	Indicates the type of seller (e.g., individual, business).
stock	Number	Required	Stores the total stock quantity available.
unit	String	Required	Stores the measurement unit of the product (e.g., kg, liter).
updatedAt	Object	Required	Stores the timestamp when the product was lastupdated
urgentSale	Boolean	Default: false	Indicates if the product is on urgent sale.

• Urgent Sales

Field	Datatype	Constraints	Description
_id	Object	Primary Key	Indicates Urgent Sale ID.
seller	Object	Required	Stores the seller's details or reference.
product	Object	Required	Stores the product details or reference.
name	String	Required	Stores the name of the urgent sale product.
originalPrice	Number	Required	Stores the original price of the product..
discountedPric	Number	Required	Stores the discounted price of the product.
stock	Number	Required	Stores the available stock quantity.
unit	String	Required	Stores the measurement unit (e.g., kg, liter).
expiryDate	Object	Required	Stores the expiry date of the urgent sale offer.
descriptio	Object	Optional	Stores the description of the urgent sale item.
image	String	Optional	Stores the image of the product.

isActive	Boolean	Default: true	Indicates if the urgent sale is active.
createdAt	Object	Required	Stores the timestamp when the urgent sale was created.
updatedAt	Object	Required	Stores the timestamp when the urgent sale was last updated.
__v	Number	System Field	Stores the versioning field managed by MongoDB.

• MenuItem

Field	Datatype	Constraints	Description
_id	Object	Primary Key	Indicates Menu Item ID.
hotel	Object	Required	Stores the reference to the hotel or restaurant.
name	String	Required	Stores the name of the menu item.
description	String	Optional	Stores the description of the menu item.
price	Number	Required	Stores the price of the menu item...
image	String	Optional	Stores the image URL of the menu item.
category	String	Required	Indicates the category of the menu item.
isVegetarian	Boolean	Default: false	Indicates if the menu item is vegetarian.
isVegan	Boolean	Default: false	Indicates if the menu item is vegan.
isGlutenFree	Boolean	Default: false	Indicates if the menu item is gluten-free.
isAvailable	Boolean	Default: false	Indicates if the menu item is available.

ingredients	Object	Optional	Stores the list of ingredients used.
preparationTime	Number	Required	Stores the preparation time in minutes.
isPopular	Boolean	Default: false	Indicates if the menu item is popular.
rating	Number	Default: 0	Stores the average rating of the menu item..
numReviews	Number	Default: 0	Stores the total number of reviews.
createdAt	Object	Required	Stores the timestamp when the menu item was created.
updatedAt	Object	Required	Stores the timestamp when the menu item was last updated.
__v	Number	System Field	Stores the versioning field managed by MongoDB.

• Purchase

Field	Datatype	Constraints	Description
_id	Object	Primary Key	Indicates Purchase ID.
user	Object	Required	Stores the reference to the user who made the purchase.
hotel	Object	Required	Stores the reference to the hotel associated with the purchase.
supplier	String	Required	Stores the name of the supplier.
items	Object	Required	Stores the list of purchased items.
totalAmount	Number	Required	Stores the total amount of the purchase.
paymentMethod	String	Required	Stores the payment method used (e.g., cash, card).
paymentStatus	String	Default: false	Indicates the status of the payment (e.g., pending, completed)
notes	String	Optional	Stores any additional notes about the purchase.
receiptNumber	String	Required	Stores the unique receipt number for the purchase.
createdAt	Object	Required	Stores the timestamp when the purchase was made.
updatedAt	Object	Required	Stores the timestamp when the purchase was last updated.

• Inventories

Field	Datatype	Constraints	Description
_id	Object	Primary Key	Indicates Inventory ID.
hotel	Object	Required	Stores the reference to the hotel.
name	String	Required	Stores the name of the inventory item.
category	String	Required	Indicates the category of the inventory item.
quantity	Number	Required	Stores the quantity available in stock.
unit	String	Required	Stores the measurement unit (e.g., kg, liter).
price	Number	Required	Stores the price of the inventory item.
supplier	Object	Required	Stores the reference to the supplier.
purchaseDate	Object	Required	Stores the date when the item was purchased.
minStockLevel	Number	Required	Stores the minimum stock level before alert.
isLowStock	Boolean	Default: false	Indicates if the stock is below the minimum level.

isOutOfStock	Boolean	Default: false	Indicates if the inventory item is out of stock.
location	String	Optional	Stores the storage location of the inventory item.
notes	String	Optional	Stores additional notes about the inventory item.
images	Object	Optional	Stores image references of the inventory item.
isLeftoverFood	Boolean	Default: false	Indicates if the item is leftover food.
createdAt	Object	Required	Stores the timestamp when the menu item was created.
updatedAt	Object	Required	Stores the timestamp when the menu item was last updated.
__v	Number	System Field	Stores the versioning field managed by MongoDB.

• Tasks

Field	Datatype	Constraints	Description
_id	Object	Primary Key	Indicates Inventory ID.
hotel	Object	Required	Stores the reference to the hotel.
title	String	Required	Stores the name of the inventory item.
description	String	Required	Indicates the category of the inventory item.
status	String	Required	Stores the quantity available in stock.
priority	String	Required	Stores the measurement unit (e.g., kg, liter).
dueDate	Object	Required	Stores the price of the inventory item.
assignedTo	String	Required	Stores the reference to the supplier.
category	String	Optional	Stores the date when the item was purchased.
progress	Number	Default: 0	Stores the minimum stock level before alert.
notes	String	Optional	Indicates if the stock is below the minimum level.

attachments	Object	Optional	Indicates if the inventory item is out of stock.
createdAt	Object	Required	Stores the timestamp when the inventory item was created.
updatedAt	Object	Required	Stores the timestamp when the inventory item was last update.
__v	Number	System Field	Stores the versioning field managed by MongoDB.

• Hotels

Field	Datatype	Constraints	Description
_id	Object	Primary Key	Indicates Hotel ID.
name	Object	Required	Stores the name of the hotel.
email	String	Required	Stores the hotel's email address.
password	String	Required	Stores the hashed password for authentication.
address	String	Required	Stores the hotel's address details.
phone	String	Required	Stores the hotel's contact phone number.
description	Object	Required	Stores a brief description of the hotel.
logo	String	Required	Stores the URL of the hotel's logo image.
coverImage	String	Optional	Stores the URL of the hotel's cover image.
isVerified	Number	Default: 0	Indicates whether the hotel is verified.
rating	String	Optional	Stores the average rating of the hotel..

numReviews	Object	Optional	Stores the total number of reviews.
verificationDoc	Number	Required	Stores references to verification documents.
reviews	Object	Default: false	Stores customer reviews for the hotel.
updatedAt	Object	Required	Stores the timestamp when the hotel was last updated.
createdAt	Object	Required	Stores the timestamp when the hotel was created.
__v	Number	System Field	Stores the versioning field managed by MongoDB.
isHotel	Boolean	Default: true	Indicates whether the entity is a hotel.
role	String	Required	Indicates the role of the hotel in the system.

• ImagesStorage

Field	Datatype	Constraints	Description
_id	Object	Primary Key	Indicates Image Storage ID.
data	Object	Required	Stores the binary data of the image.
contentType	String	Required	Stores the MIME type of the image (e.g., image/png,).
filename	String	Required	Stores the original name of the uploaded file.
user	Object	Required	Stores the reference to the user who uploaded the image.
storageType	String	Required	Indicates the type of storage used (e.g., local, cloud).
uploadDate	Object	Required	Stores the timestamp when the image was uploaded.
__v	Number	System Field	Stores the versioning field managed by MongoDB.

• FeedBacks

Field	Datatype	Constraints	Description
_id	Object	Primary Key	Indicates Feedback ID.
user	Object	Required	Stores the reference to the user who provided the feedback.
rating	Number	Required	Stores the rating given by the user (e.g., 1-5).
comment	String	Optional	Stores the user's feedback comment.
createdAt	Object	Required	Stores the timestamp when the feedback was submitted.
status	String	Default: "pending"	Indicates the feedback status (e.g., pending, reviewed).
response	Object	Optional	Stores the response to the feedback from the hotel or admin.
hotel	Object	Required	Stores the reference to the hotel associated with the feedback.

• Orders

Field	Datatype	Constraints	Description
_id	Object	Primary Key	Indicates Order ID.
buyer	Object	Required	Stores the reference to the user who placed the order.
items	String	Required	Stores the list of ordered items.
shippingAddress	String	Required	Stores the shipping address details.
totalAmount	String	Required	Stores the total order amount.
status	String	Default: "pending"	Indicates the current order status (e.g., pending, shipped).
paymentMethod	Object	Required	Stores the payment method (e.g., cash, credit card).
paymentStatus	String	Default: "unpaid"	Indicates the payment status (e.g., unpaid, paid, refunded).
createdAt	Object	Required	Stores the timestamp when the order was created.
updatedAt	Object	Required	Stores the timestamp when the order was last updated.
seller	Object	Required	Stores the reference to the seller processing the order.

