

Visvesvaraya Technological University (VTU)

Public university in Belgaum, Karnataka

A Mini project report on MINIMARKET V SEM Information science and technology by pratik jung shah (1SP19IS016) Under the guidance of sumitra mam



## S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

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### DEPARTMENT OF INFORMATION SCIENCE AND TECHNOLOGY.

#### CERTIFICATE

This is to certify the mini project work entitled 'MINIMARKET' has been successfully carried out by Pratik jung shah bearing usn 1sp19cs016 of v semester in partial fulfillment for the award of bachelor of engineering in information science and engineering of the Vivesvaraya Technological University,Belgavi during year 2022. The mini project report has been approved as it satisfied the academic requirement in respect of the mini project has been prescribed for bachelor of engineering.

Signature of Co-ordinator  
Sumitra mam

Signature of HOD  
prof.N.Gayathri

## ACKNOWLEDGEMENT

Firstly i thank the management late shri.a .krishnaappa chairman SEA COLLEGE OF ENGINEERING AND TECHNOLOGY for providing necessary infrastructure and creating good environment

I would like to express my profound thanks to our principle DR.B.VENKATA NARAYANA for the encouragement.

I would like to thank to our HOD PROF.N.GAYATHRI of our department and man sumitra for the project that they have give a chance to make this project

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## GROWTH IN GROWING NATION

MINI Market Project Report. A grocery store is a self-carrier that keeps presenting an extensive style of meals, liquids and family merchandise, prepared into sections. It is greater and has a much wider choice than in advanced grocery shops, however is smaller and extra confined withinside the variety of products than a hypermarket or huge-field market.

The grocery store commonly has aisles for meat, sparkling produce, dairy, and baked items. Shelf area is likewise reserved for canned and packaged items and for diverse non-meals objects including kitchenware, family cleaners, pharmacy merchandise and puppy supplies. Some supermarkets additionally promote different family merchandise which can be fed on regularly, together with alcohol (in which permitted), medicine, and clothes, and a few promote a miles wider variety of non-meals merchandise: DVDs, wearing equipment, board games, and seasonal objects (e.g., Christmas wrapping paper in December).

A large complete-provider grocery store blended with a branch keep is once in a while referred to as a hypermarket. Other offerings might also additionally encompass the ones of banks, cafés, childcare centres/creches, insurance (and different monetary offerings), Mobile Phone offerings, image processing, video rentals, pharmacies or petrol stations. If the eatery in a grocery store is great enough, the power can be referred to as a “grocerant”, a mix of “grocery” and “restaurant”.

## Conventional grocery store

The conventional grocery store occupies a big quantity of ground area, typically on an unmarried level. It is normally located close to a residential region in an effort to be handy to clients. The primary enchantment is the provision of a wide choice of products beneath neath a unmarried roof, at tremendously low costs.

Other blessings encompass ease of parking and often the benefit of buying hours that increase into the nighttime or maybe 24 hours of the day. Supermarkets generally allocate huge budgets to marketing and marketing, usually through newspapers. They additionally gift complex in-save shows of merchandise.

Supermarkets generally are chain shops, provided through the distribution facilities in their discern businesses consequently growing possibilities for economies of scale. Supermarkets generally provide merchandise at rather low charges via means of the use of their shopping for electricity to shop for items from producers at decreased expenses than smaller shops can.

They additionally minimise financing charges with the aid of using purchasing items at the least 30 days after receipt and a few extra credit score phrases of ninety days or greater from vendors. Certain merchandise (usually staple ingredients consisting of bread, milk and sugar) are very on occasion bought as loss leaders with a purpose to appeal to buyers to their keep. BUSINESS PLAN NO COMMENTS

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MINImarkets make up for his or her low margins through an excessive quantity of income, and with higher-margin gadgets offered via a means of attracting buyers. Self-providers with buying carts (trolleys) or baskets reduce hard work cost, and plenty of grocery store chains are trying in addition to discount through moving to self-provider

### Layout strategies

Most products are already packaged while it arrives at the grocery store. Packages are located on shelves, organized in aisles and sections in line with the form of the item. Some gadgets, consisting of clean produce, are saved in bins. Those requiring an intact bloodless chain are in temperature-managed show instances.

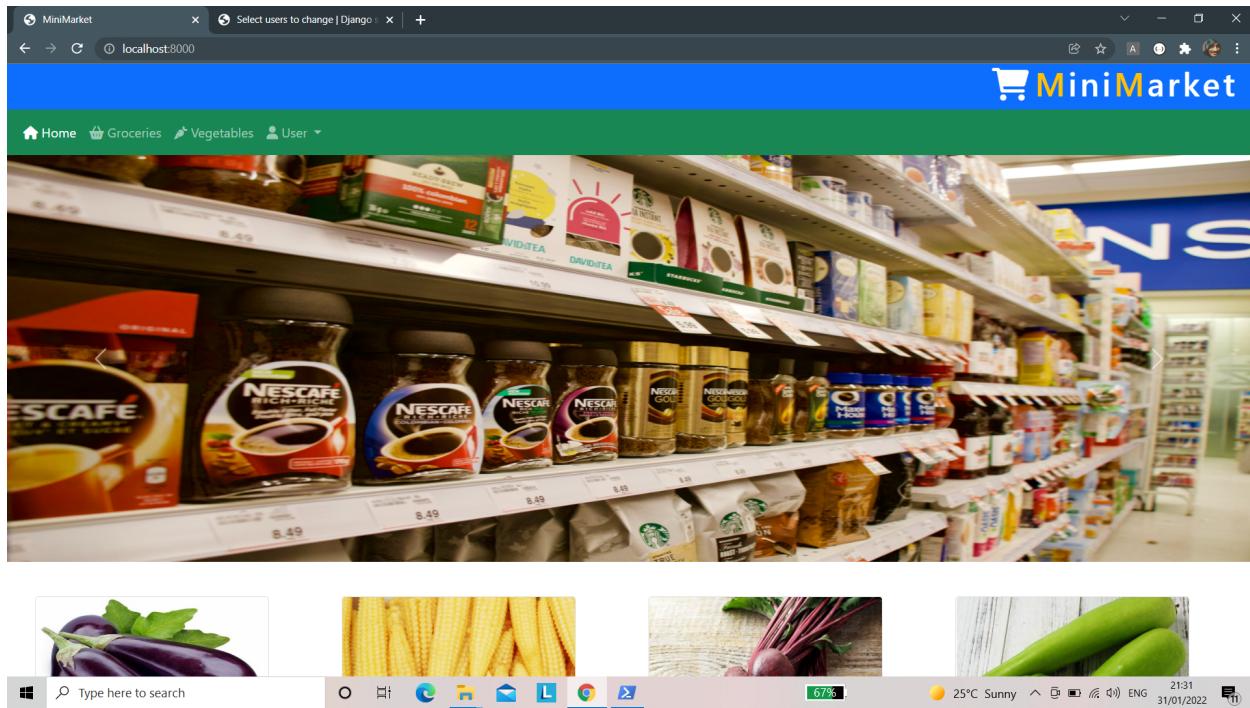
While branding and keep marketing and marketing will range from company to organization, the format of a grocery store stays without a doubt unchanged. Although huge agencies spend time giving customers a pleasing buying revel in, the layout of a grocery store is immediately related to the in-shop advertising that supermarkets need to behave with the intention to get consumers to spend extra money whilst there.

Every component of the shop is mapped out and interest is paid to colour, wording or even floor texture. The universal format of a grocery store is a visible vending venture that performs a main role. Stores can creatively use a format to adjust clients' perceptions of the atmosphere. Alternatively, they could beautify the shop's atmospherics via visible communications (symptoms and symptoms and graphics), lighting fixtures, colors, or even scents. For example, to provide a feel of the grocery store being healthy,clean produce is intentionally positioned on the front of the shop. In phrases of bakery gadgets,supermarkets generally devote 30 to forty toes of keep area to the bread aisle.

## HOME PAGE

Opening a mini-grocery can be a lucrative business venture, especially if you live in a city with little competition. When people are looking for specialty foods or ingredients that can't be found at the corner store or neighborhood supermarket, they typically head to small grocers, also called mini-grocery stores. Such retail establishments sell food and items that are uncommon or not carried by bigger stores. The grocery store industry is competitive and dominated by several big name companies. Therefore, you need to identify an underserved niche market in your local area that your mini-market can serve. For example, Cal-Mart, a family owned store in San Francisco, provides locally sourced fresh produce and quality sandwiches made to order. Other ideas include stocking:

- Ethnic food
- Organic food
- Vegan food
- Gluten-free food
- Frozen foods



MiniMarket Select users to change | Django 5

localhost:8000

Buy Now Cart Buy Now Cart Buy Now Cart Buy Now Cart

Cheese  
₹ 123 /one Packet Skim or low-fat milk or soymilk

Buy Now Cart

Eggs  
₹ 80 /One dozen egg substitutes

Buy Now Cart

Snacks  
₹ 15 /one Packet Whole-grain crackers

Buy Now Cart

apples  
₹ 56 /kg apples Fresh

Buy Now Cart

oranges  
₹ 34 /one Packet Fresh

Buy Now Cart

strawberries  
₹ 203 /one Packet strawberries

Buy Now Cart

Milk  
₹ 20 /One Bottle Fresh cow milk

Buy Now Cart

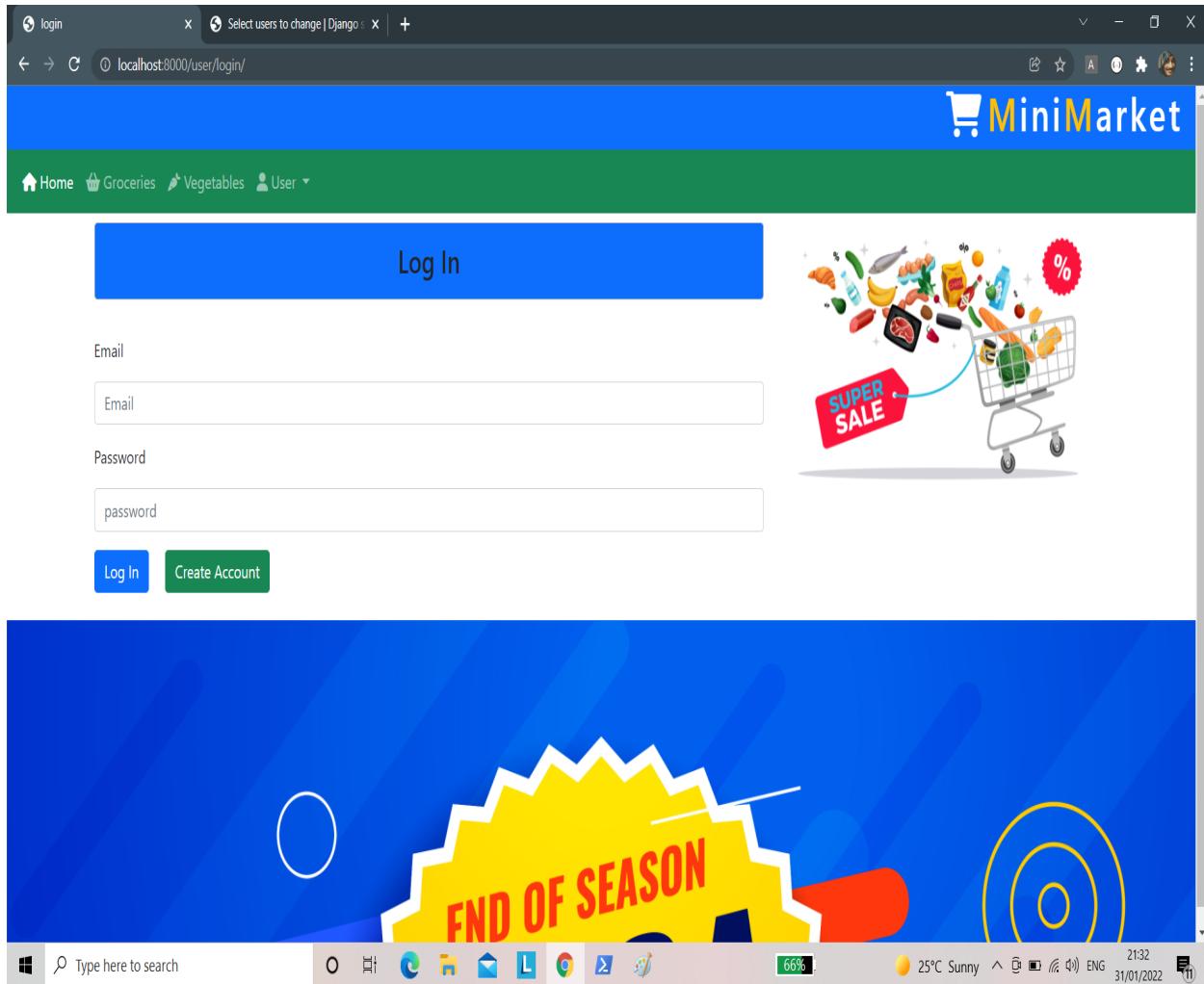
Oils  
₹ 102 /One Bottle Extra virgin olive

Buy Now Cart

Type here to search

0 21:31 25°C Sunny ENG 31/01/2022

## LOGIN PAGE



From the login page we can login. If we have account we can login ether create new login account .

## FOR CREATE NEW ACCOUNT

The screenshot shows a web browser window with the URL [localhost:8000/user/createaccount/](http://localhost:8000/user/createaccount/). The page has a blue header bar with the 'MiniMarket' logo. Below it is a green navigation bar with links for Home, Groceries, Vegetables, and User. The main content area has a light blue header 'Create Account'. It contains several input fields for account creation: Name, Password, Confirm Password, Email, Mobile, and Address. To the right of the form is a cartoon-style shopping cart filled with various grocery items like bread, milk, and vegetables. At the bottom are two buttons: 'Submit' (blue) and 'Already Have Account' (yellow).



For creating an account above detail is required  
like wise name,password,email,mobile number,address

After all the detailed we have to sumit the detail.after the detail information we can open new user account .

## Grocery page

The screenshot shows a web browser window with two tabs open: "MiniMarket Groceries" and "Select users to change | Django". The main content area displays a grocery store interface with a blue header featuring the "MiniMarket" logo. A green navigation bar at the top includes links for "Home", "Groceries", "Vegetables", and "User". Below this, a category section for "Vegetables" is shown, followed by three product cards:

- Bakery and Bread**  
Bakery and Bread Fresh  
₹ 25 / one Packet  
Buy Now | Cart
- Rice**  
Favor whole grains whenever possible  
₹ 30 / kg  
Buy Now | Cart
- Sauces**  
Tomato sauce Mustard Barbecue sauce Red-wine vinegar  
₹ 35 / One Bottle  
Buy Now | Cart

The bottom of the screen shows a Windows taskbar with various icons and system status information.

Convenience store products are, well, convenient. Customers are looking to pop in and pop out with what they need as fast as possible, whether they're local or just passing through.

Convenience stores fill the gap when there are no grocery stores at a convenience distance or when driving to the grocery store is too much of an ordeal. Some of the most profitable items to sell at a convenience store align perfectly with this need. Many visitors are thirsty, hungry, or in need of something quickly.

# **10 Most Popular Convenience Store Items**

These convenience store products are among the most popular and could be valuable assets to your store's inventory.

## **10. Ice Cream and Dairy Products**

Dairy products such as ice cream and milk are popular choices for customers to easily grab at a convenience store instead of walking twice as much to get

them at their normal grocery store. Milk, yogurt, and cheese are frequently purchased items that customers will always come back for.

## **9. Toiletries**

Convenience stores with full ranges of toiletries such as shampoo, toothpaste, tissues, diapers (and much more) make it more appealing for customers with last-minute needs. Drugstore cosmetics are also extremely popular. The combination of cost and convenience make them an irresistible deal.

## **8. Hot Food**

Many hungry customers who breeze through convenience stores are on a time crunch or taking a break during a long-distance trip. Either way, they're looking for something quick and easy to eat. Foods like hot dogs, nachos, and breakfast sandwiches are a great option to offer these visitors.

## **7. Over-the-Counter Medication**

Generally, convenience stores are open longer or earlier than larger grocery stores. If you've come down with some ailment late at night or on the road, it's

a no-brainer for you to get some over-the-counter medicine at the nearest convenience store.

## **6. Packaged Snacks and Candy**

Another popular product category for travelers are packaged snacks such as candy, chips, and nuts. These options are especially necessary for road trippers and those who need a little sustenance to get where they're going.

## **5. Gas and Automotive Supplies**

Many convenience stores are attached to a gas station, adding to the ease of stopping your car for gas. If your store is frequented by drivers as a road trip stop, you might want to consider stocking accessories and tools such as wrenches, tire patch kits, lubricants, antifreeze, etc.

## **4. Non-Alcoholic Beverages**

Bottled water, soda, coffee, and energy drinks are extremely popular products at convenience stores and very profitable. Fountain drinks and slushies are also very lucrative due to their low cost. According to Lenard, over 40% of profit dollars are due to these liquids.

## 3. Lottery Tickets

People count on convenience stores and gas stations to be places they can purchase lottery tickets. Lottery tickets are one of the most strategic products you could sell in a convenience store. [Selling lottery tickets as a retailer](#) can be a very profitable move in several ways.

Playport™ can assist your business by connecting customers with your store. After players purchase instant win game plays via QR code at your store, they can play whenever they want from the convenience of their phone. Winners can cash out at your store and often buy more of your products with their winnings.

Our platform allows you to send promotional updates straight to the phones of your lotto customers. Playport™ enables any POS system to sell games, and is a white label platform so you can build brand loyalty.

Take a look at our blog post on [how to become a lottery retailer](#) today, and be sure to ask your state's lottery agency about Playport™!

## 2. Beer and Wine

Alcoholic beverages such as beer and wine are one of the most popular and profitable products found in a convenience store. If someone is strapped for time, they'd rather grab a case of beer at their local gas station than trek to the liquor store.

## 1. Tobacco Products

Tobacco products come in all kinds of forms these days - cigarettes, cigarillos, e-cigarettes, chewing tobacco, and more. Usually found behind the cashier, it is very easy for convenience stores to sell tobacco products.

### VEGETABLES

Best Organic **Vegetables**, Fruits and Natural Products in Bangalore at The Organic World. Order Daily Organic Fruits & **Vegetables** from Bangalore's trusted Online Organic Store.

The organic fruits and vegetables market size was **valued at \$ 30,772.22 million in 2019**, and is estimated to reach \$ 55,863.52 million by 2027, registering a CAGR of 7.9% from 2020 to 2027. ... The outbreak of the COVID-19 pandemic has adversely affected the organic fruits and vegetables market.

MiniMarket Groceries    Select users to change | Django    +

localhost:8000/market/grocery/

# MiniMarket

Home   Groceries   Vegetables   User

Groceries



**Brinjal**  
Fresh brinjals  
₹ 25 / kg

[Buy Now](#) [Cart](#)

---



**Baby corn**  
Fresh Baby corn,  
₹ 30 / one pair

[Buy Now](#) [Cart](#)

---



**Beetroot**  
Fresh Beetroot, good for health  
₹ 40 / kg

[Buy Now](#) [Cart](#)

Type here to search

0 25°C Sunny 66% 21:32 31/01/2022

Looking For **Fresh** Organic Fruit & **Vegetable** Delivery? Order Online From the Organic World. Explore A Wide Range Of Certified Organic **Vegetables** Grown Without Chemical Pesticides. No Added Colors. Unadulterated. 100% Natural. One Day Delivery.

## ADD TO CART

My Cart | Select users to change | Django | + | ← → C 0 localhost:8000/user/show/mycart/ | X

MiniMarket

Home Groceries Vegetables pratik

Ammount	Item	Price	Action
1	Baby corn	30	<button>Remove</button>
1	Beetroot	40	<button>Remove</button>
1	brinjal	25	<button>Remove</button>

Total Items : 3 Total Ammount : 95

Check out Clear All



From the item in mini market the needed item from the groceries we can add the required item in the cart to order.

After the item added in cart we have to clear or check out .

The screenshot shows a web browser window with the URL [localhost:8000/user/buy/all/3/95/](http://localhost:8000/user/buy/all/3/95/). The page has a blue header bar with the MiniMarket logo. Below it is a green navigation bar with links for Home, Groceries, Vegetables, and a user account. The main content area has a light blue header "Order Summary". It displays "Total items : 3" and "Total Amount : ₹ 95". A section titled "Payment Method" shows "Cash On Delevery". A "Delevery Address" section lists "RAILWAY STATIONN ROAD RAI COLONY GHAZIPUR". At the bottom are two buttons: "Confirm Buy" (green) and "Go Back" (orange).



After added in cart order summary page will be their.

Their will be payment method in this page.

Delivery address should be given when we will check out.

After all the detailed we given the address the order will be delivered in the time  
The time is given after the order

S My Cart X Select users to change | Django s +

← → C ① localhost:8000/user/confirmBuy/

MiniMarket

Home Groceries Vegetables pratik ▾



— Design by All-free-download.com —

Congrats Order Confirmed

It Will Be Deleverd Within 25 Min

Shopping Again



All the data will be stored in the database like given in the below .  
Authentication and authorization is required for opening of this page  
Group or user should have authentication and authorization for the page

Market admin can only authorized to the vegetables and groceries

Users can only authorized to the cart item or the item that user have been ordered

The screenshot shows the Django administration interface for a 'MarketAdmin' user. The top navigation bar includes links for 'Site administration | Django site', 'localhost:8000/admin/ (current)', and 'WELCOME, MINIMARKET123 | VIEW SITE / CHANGE PASSWORD / LOG OUT'. The main content area is divided into several sections:

- AUTHENTICATION AND AUTHORIZATION:** Contains 'Groups' and 'Users' sections with 'Add' and 'Change' buttons.
- MARKETADMIN:** Contains 'Groceries' and 'Vegetables' sections with 'Add' and 'Change' buttons.
- USERS:** Contains 'Carts' and 'Userss' sections with 'Add' and 'Change' buttons.
- Recent actions:** A sidebar listing recent actions, all of which are 'cart object' entries (9, 13, 68, 69, 14, 15, 16, 17, 18, 19).



## Vegetables data base

The screenshot shows a Microsoft Edge browser window displaying the Django administration interface for a vegetable database. The title bar reads "MinMarket" and "Select vegetables to change | Django". The address bar shows "localhost:8000/admin/market/admin/vegetables/". The top navigation bar includes "Django administration", "WELCOME, MINIMARKET123", and links for "VIEW SITE / CHANGE PASSWORD / LOG OUT". Below this is a blue header bar with "Home : Marketadmin : Vegetables" and a "Select vegetables to change" button. A "ADD VEGETABLES" button is also visible. The main content area is a table listing 32 vegetables. The columns are: Action (checkbox), ID, VNAME, VPRICE, VINFO, VAMM, and VIMG. The table lists items like Maggie, Coriander Powder, Red chili powder, Turmeric, Gram, Tide Detergent, Flour, Tata Salt, Dal, Apple Juice, Vinegar, Complan, Horlicks, Chocolate, Chips, and Mixed Fruit Jam. Each row shows the vegetable name, price, description, unit of measurement, and image path. The bottom of the screen shows the Windows taskbar with various pinned icons and system status information.

Action:	ID	VNAME	VPRICE	VINFO	VAMM	VIMG
<input type="checkbox"/>	32	Maggie	12	Maggie	one Packet	static/imagesv/maggie.jif
<input type="checkbox"/>	31	Coriander Powder	40	Coriander Powder	100 gram	static/imagesv/coriander.jpg
<input type="checkbox"/>	30	Red chili powder	30	Red Chili Powder	100 gram	static/imagesv/chilli_powder.jif
<input type="checkbox"/>	29	Turmeric	30	Turmeric Powder	100 gram	static/imagesv/turmeric.jpg
<input type="checkbox"/>	28	Gram	60	Gram	kg	static/imagesv/gram.jif
<input type="checkbox"/>	27	Tide Detergent	120	Tide Plus Washing Detergent powder	kg	static/imagesv/tide.jpg
<input type="checkbox"/>	26	Flour	50	Flour	kg	static/imagesv/flour.jif
<input type="checkbox"/>	25	Tata Salt	25	Tata Salt	one Packet	static/imagesv/tata.jpg
<input type="checkbox"/>	24	Dal	230	Dal	kg	static/imagesv/dal.jif
<input type="checkbox"/>	23	Apple Juice	45	Fresh Apple juice	One Bottle	static/imagesv/apple.jpg
<input type="checkbox"/>	22	Vinegar	45	Vinegars	One Bottle	static/imagesv/vinegar.jpg
<input type="checkbox"/>	21	Complan	250	Complan	kg	static/imagesv/compl.webp
<input type="checkbox"/>	20	Horlicks	154	Horlicks	kg	static/imagesv/horlicks.jpg
<input type="checkbox"/>	19	Chocolate	20	Chocolates	one Packet	static/imagesv/chco.jpg
<input type="checkbox"/>	18	Chips	5	100 grams	one Packet	static/imagesv/chips.webp
<input type="checkbox"/>	17	Mixed Fruit Jam	60	Sweet Mixed Fruit Jam	One Bottle	static/imagesv/jam.jpg

This page is for the admin of the market

The main data base where authorization is required.

All the vegetables are stored here .

## User data stored

User data base is stored here

Name of the user,password,email,mobile number,address will be stored here

It will be secure all the given information

Information is not allowed to share with anyone

To see the all given information or details of the user the user or group should have authorization

Only admin can authorized to have all the details and all the information that is required in the order .

The screenshot shows the Django Admin interface for the 'users' model. The page title is 'Select users to change | Django'. The URL is 'localhost:8000/admin/users/users/'. The top navigation bar includes links for 'Home', 'Users', and 'Users'. On the right, there are buttons for 'WELCOME, MINIMARKET123', 'VIEW SITE / CHANGE PASSWORD', and 'LOG OUT'. Below the navigation, there is a search bar and a 'Select users to change' button. A table lists 11 users with columns: NAME, PASSWORD, EMAIL, MOBILE, ADDRESS, and ID. The table rows are as follows:

Action	NAME	PASSWORD	EMAIL	MOBILE	ADDRESS	ID
<input type="checkbox"/>	pratik	[REDACTED]	s.pratikjung@gmail.com	9109175545	RAILWAY STATIONN ROAD RAI COLONY GHAZIPUR	14
<input type="checkbox"/>	juhi	[REDACTED]	himanshi399231@gmail.com	9109175545	RAILWAY STATIONN ROAD RAI COLONY GHAZIPUR	12
<input type="checkbox"/>	Jr. Gautam	[REDACTED]	gautam@gmail.com	9545652585	bangalore	11
<input type="checkbox"/>	Kabeer	[REDACTED]	kabeer@gmail.com	9109175545	RAILWAY STATIONN ROAD RAI COLONY GHAZIPUR	10
<input type="checkbox"/>	himanshi	[REDACTED]	himanshi@gmail.com	123456	123456	8
<input type="checkbox"/>	Max Parsad	[REDACTED]	himanshu39@gmail.com	123456	123456	7
<input type="checkbox"/>	juhi	[REDACTED]	qw@gmail.com	123456	123456	6
<input type="checkbox"/>	priya	[REDACTED]	akashgzp101010@gmail.com	123456	123456	5
<input type="checkbox"/>	Kabeer	[REDACTED]	iamonlyhimanshusharma@gmail.com	123456	123456	4
<input type="checkbox"/>	himanshu	[REDACTED]	iamonlyhimanshusharma@gmail.com	123456	123456	3
<input type="checkbox"/>	himanshu	[REDACTED]	himanshu399231@gmail.com	123456	123456	2

At the bottom left, it says '11 users'. At the bottom right, there is a Windows taskbar with icons for search, file explorer, email, browser, and other system tools. The system tray shows battery level (64%), weather (25°C Sunny), date (31/01/2022), and time (21:35).

Above all the detailed about project is shown in the figure.