

## **Problem Statement 1:**

**Title:** Farmers connect to customers directly

### **Description:**

Create an app or website in which farmers and customers can register and farmers can give details about vegetables or home-grown grains and customers can directly connect with them and put the order.

### **MVP Scope:**

1. User interface for farmers to register.
2. User interface for customers to register.
3. Farmers should be able to add update items with images.
4. Farmers should be able to maintain inventory for in stock vegetables and grains.
5. Customers should be able to login and explore available vegetables and grains.
6. Customers should be able to place order for vegetables and grains with cash on delivery payment option.
7. Once order is placed, inventory for the ordered items should be refreshed.

## **Problem Statement 2:**

**Title:** Inter-city bus booking portal like Red Bus

### **Description:**

Create an app or website in which commercial bus operators can list their vehicle running schedule along with available seats so that passengers can choose from available dates and seats and place bookings.

### **MVP Scope:**

1. User interface for bus operators to register.
2. User interface for passengers to register.
3. Bus operator should be able to add their commercial vehicles along with information like below
  - a. Vehicle Class (Seater/Sleeper)
  - b. AC/Non-AC
  - c. Fair
  - d. Vehicle capacity
  - e. Registration details
  - f. Driver details
  - g. Route info
  - h. Stops/halts info during travel
  - i. Other features of bus.
4. Passengers should be able to perform search for a given date for given source and destination.
5. Customers should be able to select and book seat of preference for a give bus.
6. Once booking is placed, available seats in vehicle should be refreshed.
7. Booking info and confirmation should be sent to passenger and operator.

### **Problem Statement 3:**

**Title:** Online Auctions like e-bay

**Description:**

Create an app or website in which users should be able to create posts for auctions and other users can bid for the product.

**MVP Scope:**

1. User interface for users to register.
2. User should be able to create auction for selling a product or service with an expiry timeline.
3. Users should be able bid in increasing order. No bids for same amount should be accepted.
4. Home page should list all auctions with most bids for a current auction.
5. Categories for auction can be Mobiles, Automobiles, Real Estate, Electronics etc.
6. Bidder can post questions for product on posted auction, auction author should be able to answer questions.
7. When timeline expires, reward the product/service to highest bidder and place order with cash on delivery.
8. If no bids are received even after timeline expiry, change status to Unsold. Unsold items can be re-auctioned with updated price.
9. Once timeline expires, no bids should be accepted.
10. User Interface for user's order history / previous purchases.

## **Problem Statement 4:**

### **Title:** Sharing commute / Carpooling

#### **Description:**

Create an app or website in which users should be able to create posts about his/her commute from source to destination with other travel details. Other users should be able to connect with the post author for sharing the commute.

#### **MVP Scope:**

1. User interface for users to register.
2. User should be able to create posts with below information
  - a. Is vehicle available, if yes vehicle details
  - b. Personal details like gender, emergency contact number
  - c. Commute sharing price
  - d. Travel source and destination
  - e. Journey date and time
  - f. Pickup location
  - g. Personal preferences like no smoking during commute, any allergies etc.
  - h. Other details
3. Users should be able to search and list all the posts for a give date between source and destination.
4. Users should be able to send direct messages to user within application regarding sharing the ride.
5. Once the commute sharing is finalized by post author, they should be able to mark the post as closed.