

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 Interface for user's order history / previous purchases.
3. User should be able to create auction for selling a product or service with an expiry timeline.
4. Users should be able bid in increasing order. No bids for same amount should be accepted.
5. Home page should list all auctions with most bids for a current auction.
6. Categories for auction can be Mobiles, Automobiles, Real Estate, Electronics etc.
7. Bidder can post questions for product on posted auction, auction author should be able to answer questions.
8. When timeline expires, reward the product/service to highest bidder and place order with cash on delivery.

Part 2 Requirements:

1. Based on past bidding patterns on how frequently product is bided and sold, decide an idle expiry timeline. For example, mobile phone auction expiry timeline can be 3 days while car auction expiry timeline can be 10 days.
2. User Interface and backend functionality to initiate return of defective products after delivery.
3. Interface for admin to identify the category wise products which are
 - a. sold for maximum value.
 - b. received maximum number of bids.
 - c. quickest to sell once auction was live.
4. Reverse auction capability: Capability to bid in decreasing order. For example, a government tender or road construction where contractor with lowest bid (to construct the road) will win the auction.