Minimal features required.  ([\*] are somewhat harder to implement; but you  
can add your own).  Please remember that

<> the project should be specialized for a particular topic for your team  
(even if you will use a generic framework that can handle any topic).  
**The topic area: Shoes.**

**Group #5:  
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<> The functionality of the system can be naturally divided into  
 (I) account handling [end-users (buyers & sellers), customer  
     representatives, admin staff]  
 (II) auction functionality  
 (III) browsing and advanced search functionality  
 (IV) customer representatives & admin functions  
 (V) history of auctions and auction similarity  
  
As a group of 3, you could divide the final programming work into (I)(III),  
(II) and  (IV), (V).  
  
I. Create accounts of various kind; login, logout.  
  
II. Auctions  
   [1] seller creates auctions and posts items for sale

[1] set all the characteristics of the item

[1] set closing date and time

[\*1] set a hidden minimum price (reserve)

[1] a buyer should be able to bid

[1] manually

[1] let the buyer set a new bid

[] alert the buyer that a higher bid has been placed

[\*1] with automatic bidding

[\*1] set a secret upper limit

[\*1] put in a higher bid automatically for the user in case someone bids higher

[\*1] alert the buyer in case someone bids more than your upper limit

  [1] define the winner of the auction

[1] when the closing time has come, check if the seller has set a reserve

[\*1] if yes: if the reserve is higher than the last bid none is the winner.

[1] if no: whoever has the higher bid is the winner

III Browsing and advanced search functionality  
    [1] let people browse on the items and see the status of the current bidding

[1] sort by different criteria (by type, bidding price etc.)

[1] search the list of items by various criteria.

[1] let user set an alert for specific items s/he is interested

[1] user can post questions

[1] user can search and browse questions/answers

IV Customer representatives and admin functions

[1] Admin (create an admin account ahead of time)

[1] creates accounts for customer representatives

[1] generates sales reports for:

[1] total earnings

[1] earnings per:

[1] item

[1] item type

[1] end-user

[1] best-selling items

[1] best buyers

[1] Customer representative:

[1] answers to questions of users

[0] modifies any information (if this is reasonable) (Not applicable in our case)

[0] removes bids (that abide to specific rules)

[1] cancels an auction, if needed

[1] removes illegal auctions (All illegal auctions are removed automatically by a trigger)

[1] deactivates user’s accounts

V History of auctions and auction similarity  
   [1] a user should be able to:

[1] view the history of bids for any specific auction

[1] view the list of all auctions a specific buyer or seller has participated in

[1] view the list of "similar" items on auctions in the preceding month (and auction information about them)

(Everywhere above where there is a function for creating something, one  
should/could have ones for modifying and deleting it; these are not listed,  
in order to make the description shorter.  But this is an opportunity for  
"staged development": enhance your system (and grade :) as time allows at  
the end by adding these features.)