## 3.1 Overview

Our auction application is an mobile auction style trade app that can be used by everyone from students to seniors.You can use the application as a user to look around or registered user to participate or create your own auction.People will always want to sell their products but there is always a hard part and it is pricing the product that you are going to sale. By auction application the user can get the maximum amount of money of their product because buyers decides the price for it. Users can only see the ongoing auctions and their details for so, registered users are can create their own auctions just simply clicking few buttons. It can be an auction for books to paintings or so.Every registered user can bid for an auction by just selecting to amount to bid and after the procces anytime he/she wants can look at their previous bids.There is a lot of difference between being a user and registered user but the bigger difference begins with the admin permissions. Admins are the key of the auction procces. When a registered user creates an auction, the auction approval send to the admin and admin should approve the pending auction application.Without approvement the auction will never go live.Admin can also ban a user’s account that scammed another user or violate any other policies. Registered users previous won or lost auctions can be see their profile pages. Admins and other users will also be able to look eachothers profile pages also.

## 3.2 Functional Requirements

Our application is a mobile online auction manager/publisher/analyser platform for everyone who wants to buy or sell items through their mobile phones and easily and most importantly fast.

On the registered users side the application has several functions to offer such as , they can look through the going auctions through the main page and if they want to make a bid to them they will do it easily. Or they can just simply want to create an auction they can make it easy and fast through the application.

On the user side. Users are just downgraded versions of the registered users. They can just use the main page to check some auctions going on and get notified.If they want to participate for an auction they have to register to do so.

Admins are the ones who controls the all procces by simply just giving approvement to the pending auctions so everyone can see. Also they can freeze the users who are not being respectfull to the rules. Admins can also reach to the users profile and also make some looking.To sum up. The most important function is the “approve” fuction the system has to offer because with it the auctions will be available for all.

## 3.3 Nonfunctional Requirements

### Usability: For a person who wants to bid for an auction should make 12 clicks to register (including clicks made for login and approve bid, register procces)

### Reliability: Application servers should be running %100 of the time to application runs.

### Performance: System should must allow least 1000 parallel users.

### Supportability: The system should be maintained and changeable easily

### Implementation: NEYLE YAZICAZ

### Interface: The interface should be implemented with android studio.

### Packaging:

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