



CS4313

Deliverable 1

All Database tables
List of major processes
Flow charts
Page Mockups

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5/3/2010

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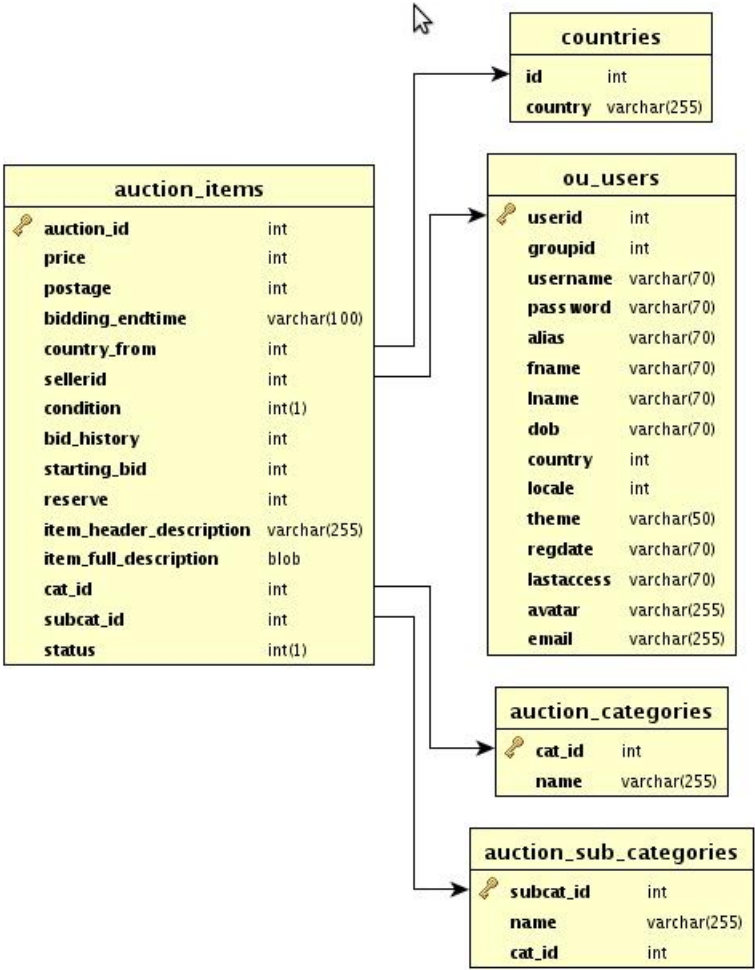
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Database

Tables

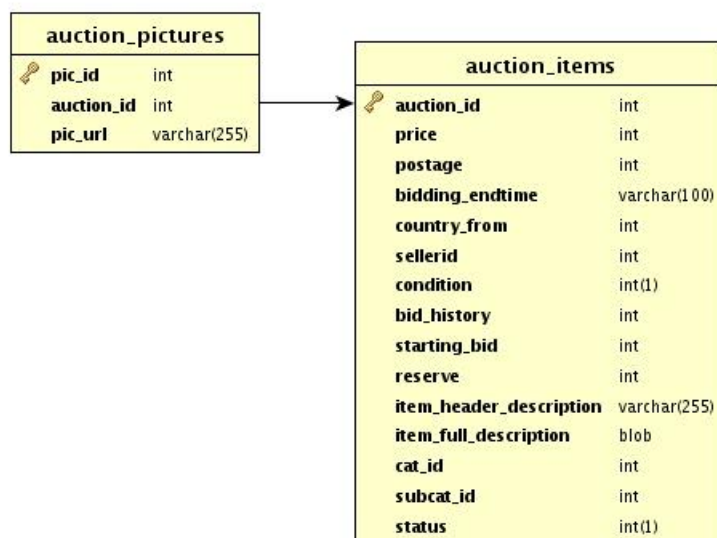
Auction items



SQL

```
CREATE TABLE `auction_items` (  
  `auction_id` int(11) NOT NULL AUTO_INCREMENT,  
  `price` int(11) NOT NULL,  
  `postage` int(11) NOT NULL,  
  `bidding_endtime` varchar(100) NOT NULL,  
  `country_from` int(11) NOT NULL,  
  `sellerid` int(11) NOT NULL,  
  `condition` int(1) NOT NULL,  
  `bid_history` int(11) NOT NULL,  
  `starting_bid` int(11) NOT NULL,  
  `reserve` int(11) NOT NULL,  
  `item_header_description` varchar(255) NOT NULL,  
  `item_full_description` blob NOT NULL,  
  `cat_id` int(11) NOT NULL,  
  `subcat_id` int(11) NOT NULL,  
  `status` int(1) NOT NULL,  
  PRIMARY KEY (`auction_id`),  
  KEY `country_from` (`country_from`),  
  KEY `sellerid` (`sellerid`),  
  KEY `cat_id` (`cat_id`),  
  KEY `subcat_id` (`subcat_id`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=1 ;
```

Auction pictures



SQL

```
CREATE TABLE `auction_pictures` (  
  `pic_id` int(11) NOT NULL AUTO_INCREMENT,  
  `auction_id` int(11) NOT NULL,  
  `pic_url` varchar(255) NOT NULL,  
  PRIMARY KEY (`pic_id`),  
  KEY `auction_id` (`auction_id`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=1 ;
```

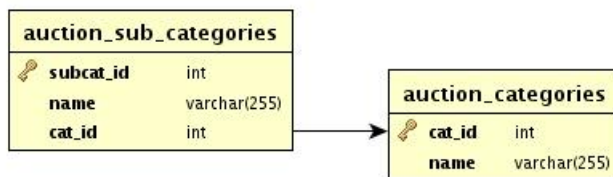
Auction categories

auction_categories	
cat_id	int
name	varchar(255)

SQL

```
CREATE TABLE `auction_categories` (  
  `cat_id` int(11) NOT NULL AUTO_INCREMENT,  
  `name` varchar(255) NOT NULL,  
  PRIMARY KEY (`cat_id`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=1 ;
```

Auction sub categories



SQL

```
CREATE TABLE `auction_sub_categories` (  
  `subcat_id` int(11) NOT NULL AUTO_INCREMENT,  
  `name` varchar(255) NOT NULL,  
  `cat_id` int(11) NOT NULL,  
  PRIMARY KEY (`subcat_id`),  
  KEY `cat_id` (`cat_id`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=1 ;
```

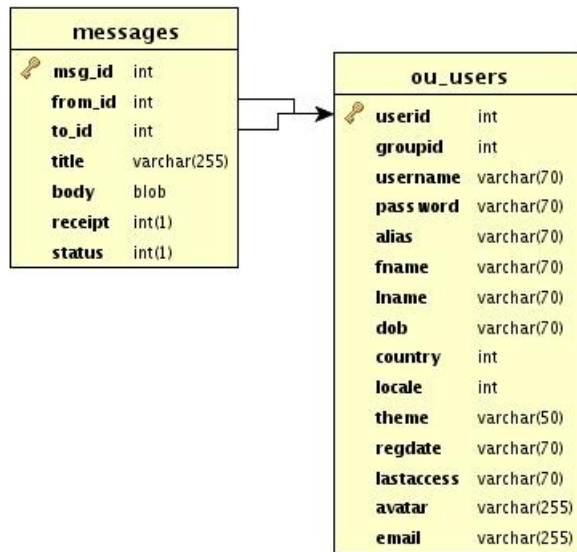
Item searching



SQL

```
CREATE TABLE `item_searching` (  
  `id` int(11) NOT NULL AUTO_INCREMENT,  
  `term` varchar(255) NOT NULL,  
  PRIMARY KEY (`id`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=1 ;
```

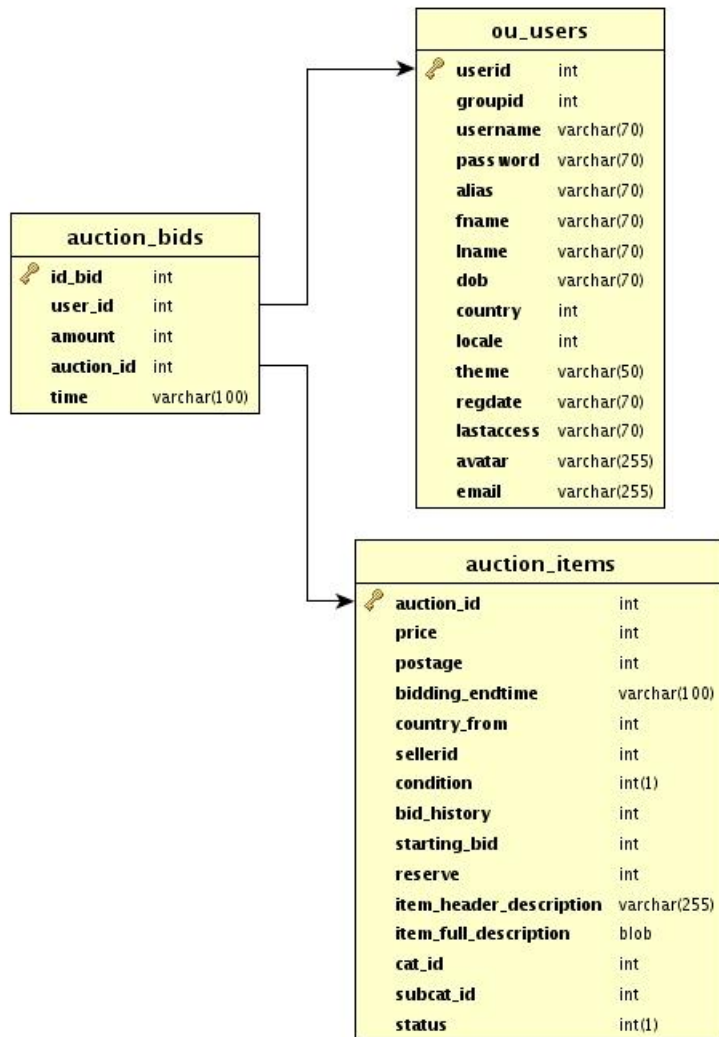
Messages



SQL

```
CREATE TABLE `messages` (  
  `msg_id` int(11) NOT NULL AUTO_INCREMENT,  
  `from_id` int(11) NOT NULL,  
  `to_id` int(11) NOT NULL,  
  `title` varchar(255) NOT NULL,  
  `body` blob NOT NULL,  
  `receipt` int(1) NOT NULL,  
  `status` int(1) NOT NULL,  
  PRIMARY KEY (`msg_id`),  
  KEY `from_id` (`from_id`),  
  KEY `to_id` (`to_id`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=1 ;
```

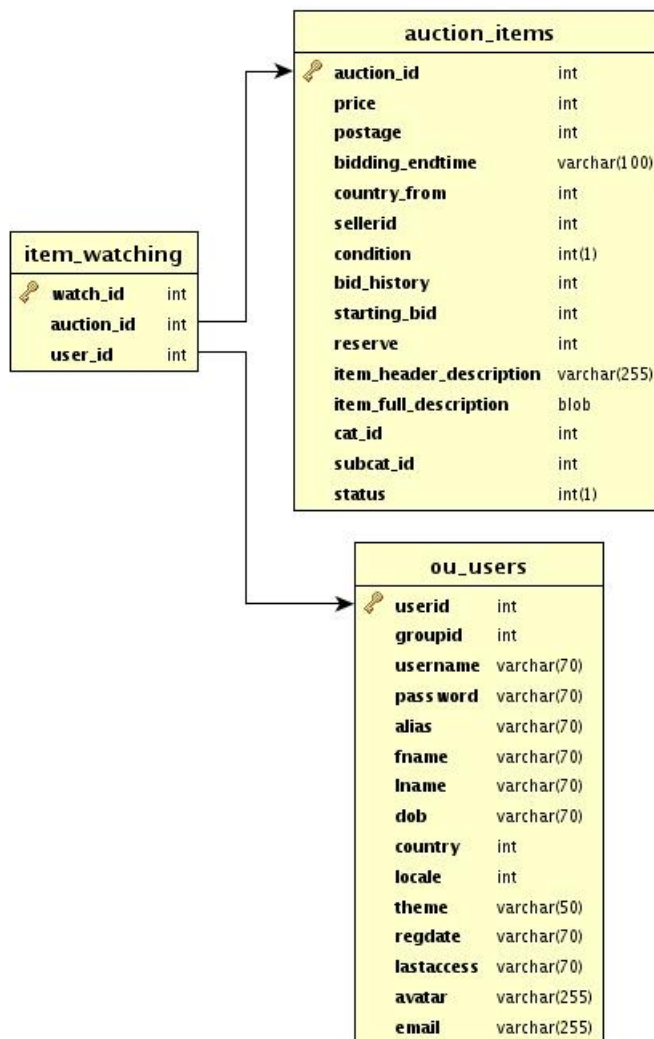

Auction Bids



SQL

```
CREATE TABLE `auction_bids` (  
  `id_bid` int(11) NOT NULL AUTO_INCREMENT,  
  `user_id` int(11) NOT NULL,  
  `amount` int(11) NOT NULL,  
  `auction_id` int(11) NOT NULL,  
  `time` varchar(100) NOT NULL,  
  PRIMARY KEY (`id_bid`),  
  KEY `auction_id` (`auction_id`),  
  KEY `user_id` (`user_id`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=1 ;
```

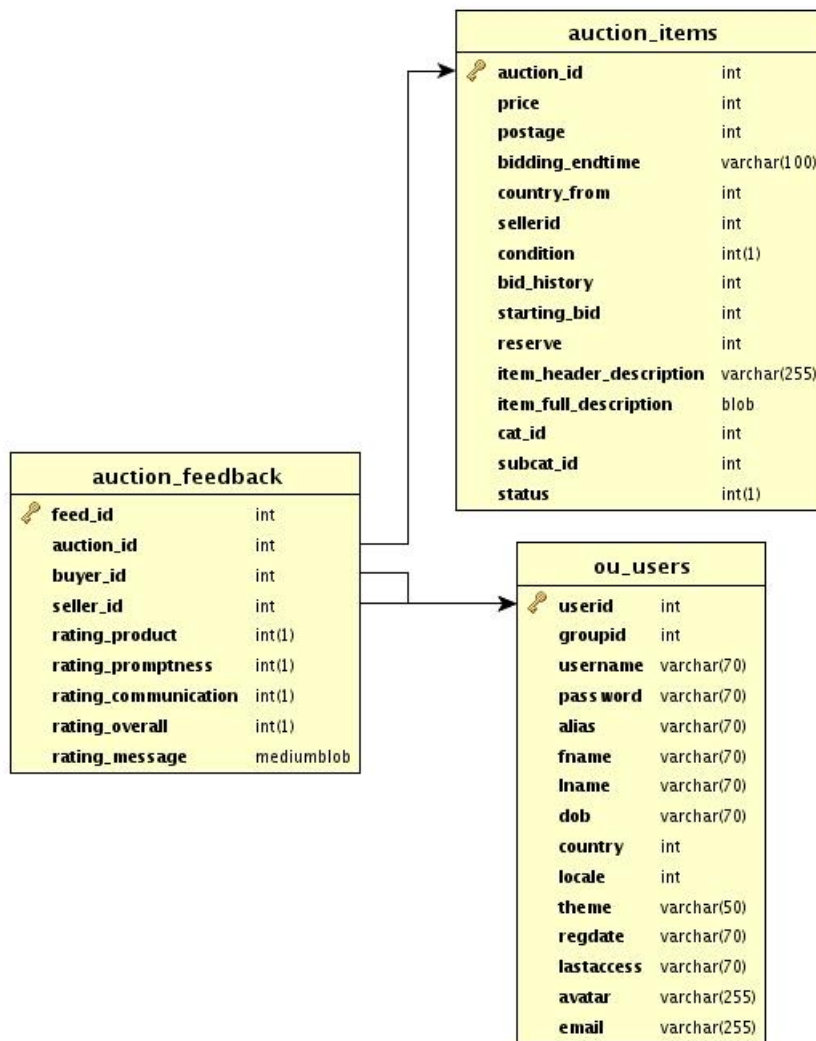
Item watching



SQL

```
CREATE TABLE `item_watching` (  
  `watch_id` int(11) NOT NULL AUTO_INCREMENT,  
  `auction_id` int(11) NOT NULL,  
  `user_id` int(11) NOT NULL,  
  PRIMARY KEY (`watch_id`),  
  KEY `auction_id` (`auction_id`),  
  KEY `user_id` (`user_id`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=1 ;
```

Auction feedback

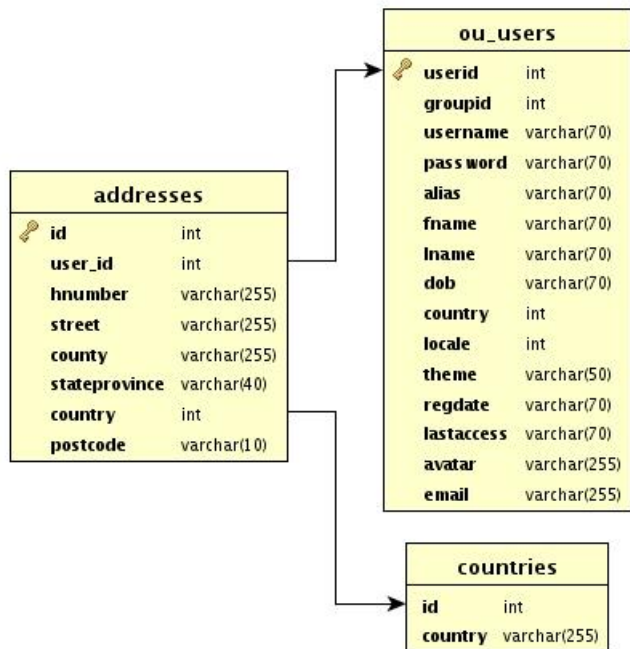


SQL

```

CREATE TABLE `auction_feedback` (
  `feed_id` int(11) NOT NULL AUTO_INCREMENT,
  `auction_id` int(11) NOT NULL,
  `buyer_id` int(11) NOT NULL,
  `seller_id` int(11) NOT NULL,
  `rating_product` int(1) NOT NULL,
  `rating_promptness` int(1) NOT NULL,
  `rating_communication` int(1) NOT NULL,
  `rating_overall` int(1) NOT NULL,
  `rating_message` mediumblob NOT NULL,
  PRIMARY KEY (`feed_id`),
  KEY `auction_id` (`auction_id`),
  KEY `buyer_id` (`buyer_id`),
  KEY `seller_id` (`seller_id`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=1 ;
    
```

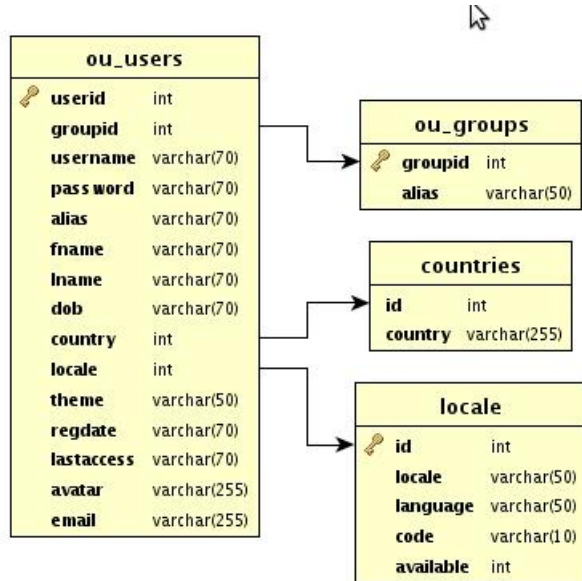
Addresses



SQL

```
CREATE TABLE `addresses` (  
  `id` int(11) NOT NULL AUTO_INCREMENT,  
  `user_id` int(11) NOT NULL,  
  `hnumber` varchar(255) NOT NULL,  
  `street` varchar(255) NOT NULL,  
  `county` varchar(255) NOT NULL,  
  `stateprovince` varchar(40) NOT NULL,  
  `country` int(11) NOT NULL,  
  `postcode` varchar(10) NOT NULL,  
  PRIMARY KEY (`id`),  
  KEY `user_id` (`user_id`),  
  KEY `country` (`country`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=1 ;
```

OU users



SQL

```
CREATE TABLE `ou_users` (
  `userid` int(11) NOT NULL AUTO_INCREMENT,
  `groupid` int(11) NOT NULL,
  `username` varchar(70) NOT NULL,
  `password` varchar(70) NOT NULL,
  `alias` varchar(70) NOT NULL,
  `fname` varchar(70) NOT NULL,
  `lname` varchar(70) NOT NULL,
  `dob` varchar(70) NOT NULL,
  `country` int(11) NOT NULL,
  `locale` int(11) NOT NULL,
  `theme` varchar(50) NOT NULL,
  `regdate` varchar(70) NOT NULL,
  `lastaccess` varchar(70) NOT NULL,
  `avatar` varchar(255) NOT NULL,
  `email` varchar(255) NOT NULL,
  PRIMARY KEY (`userid`),
  KEY `groupid` (`groupid`),
  KEY `country` (`country`),
  KEY `locale` (`locale`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=3 ;
```

OU groups

ou_groups	
 groupid	int
alias	varchar(50)

SQL

```
CREATE TABLE `ou_groups` (  
  `groupid` int(11) NOT NULL AUTO_INCREMENT,  
  `alias` varchar(50) NOT NULL,  
  PRIMARY KEY (`groupid`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=7 ;
```


Countries

countries	
id	int
country	varchar(255)

SQL

```
CREATE TABLE `countries` (  
  `id` int(11) NOT NULL,  
  `country` varchar(255) NOT NULL,  
  KEY `id` (`id`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

Locale

locale	
 id	int
locale	varchar(50)
language	varchar(50)
code	varchar(10)
available	int

SQL

```
CREATE TABLE `locale` (  
  `id` int(11) NOT NULL AUTO_INCREMENT,  
  `locale` varchar(50) NOT NULL,  
  `language` varchar(50) NOT NULL,  
  `code` varchar(10) NOT NULL,  
  `available` int(11) NOT NULL,  
  PRIMARY KEY (`id`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=93 ;
```

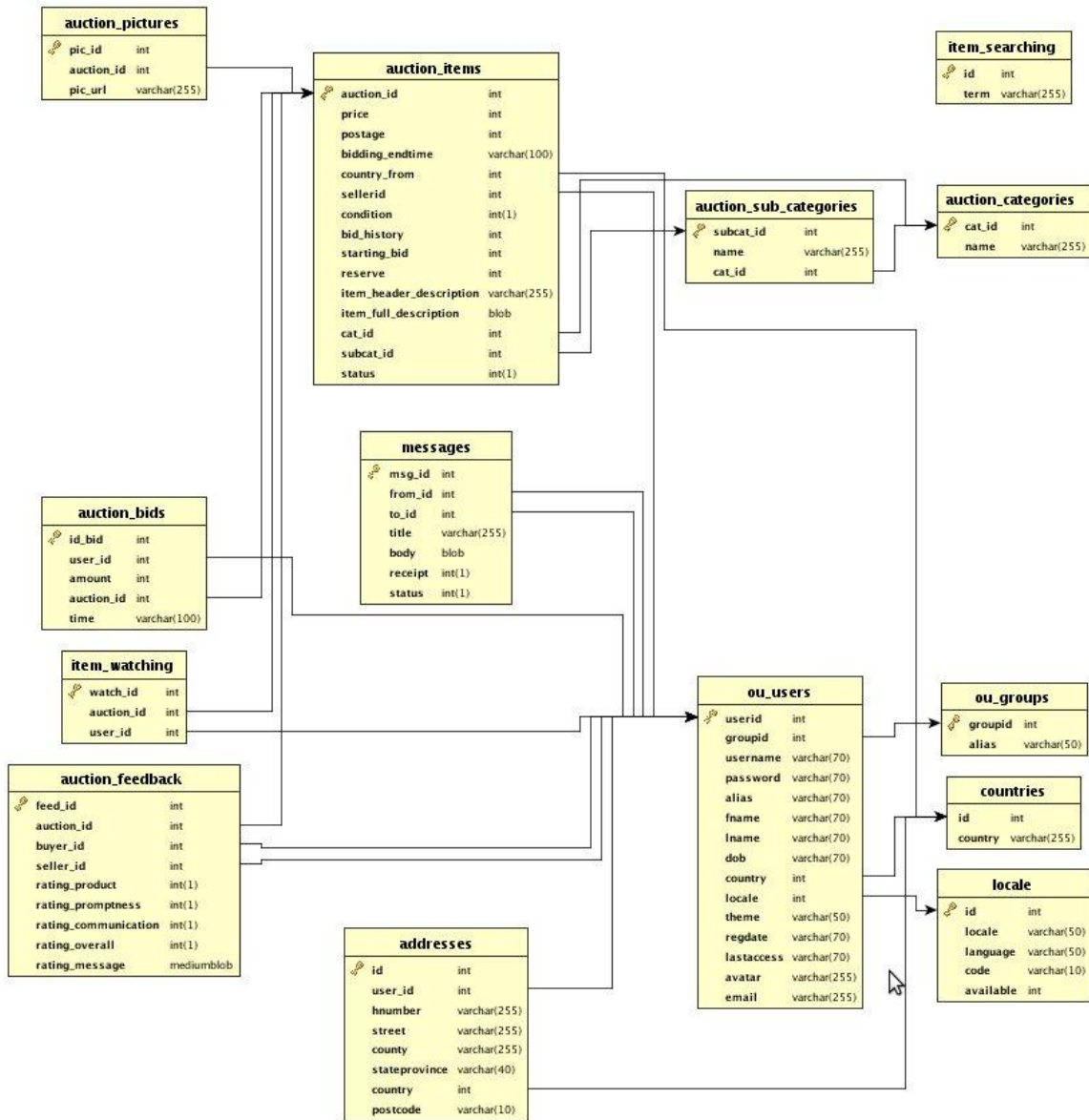
Referential Integrity Constraints

SQL

```
ALTER TABLE `addresses`  
  ADD CONSTRAINT `addresses_ibfk_1` FOREIGN KEY (`user_id`) REFERENCES `ou_users` (`userid`),  
  ADD CONSTRAINT `addresses_ibfk_2` FOREIGN KEY (`country`) REFERENCES `countries` (`id`);  
  
ALTER TABLE `auction_bids`  
  ADD CONSTRAINT `auction_bids_ibfk_1` FOREIGN KEY (`user_id`) REFERENCES `ou_users` (`userid`),  
  ADD CONSTRAINT `auction_bids_ibfk_2` FOREIGN KEY (`auction_id`) REFERENCES `auction_items`  
  (`auction_id`);  
  
ALTER TABLE `auction_feedback`  
  ADD CONSTRAINT `auction_feedback_ibfk_1` FOREIGN KEY (`auction_id`) REFERENCES `auction_items`  
  (`auction_id`),  
  ADD CONSTRAINT `auction_feedback_ibfk_2` FOREIGN KEY (`buyer_id`) REFERENCES `ou_users` (`userid`),  
  ADD CONSTRAINT `auction_feedback_ibfk_3` FOREIGN KEY (`seller_id`) REFERENCES `ou_users` (`userid`);  
  
ALTER TABLE `auction_items`  
  ADD CONSTRAINT `auction_items_ibfk_1` FOREIGN KEY (`country_from`) REFERENCES `countries` (`id`),  
  ADD CONSTRAINT `auction_items_ibfk_2` FOREIGN KEY (`sellerid`) REFERENCES `ou_users` (`userid`),  
  ADD CONSTRAINT `auction_items_ibfk_3` FOREIGN KEY (`cat_id`) REFERENCES `auction_categories`  
  (`cat_id`),  
  ADD CONSTRAINT `auction_items_ibfk_4` FOREIGN KEY (`subcat_id`) REFERENCES  
  `auction_sub_categories` (`subcat_id`);  
  
ALTER TABLE `auction_pictures`  
  ADD CONSTRAINT `auction_pictures_ibfk_1` FOREIGN KEY (`auction_id`) REFERENCES `auction_items`  
  (`auction_id`);  
  
ALTER TABLE `auction_sub_categories`  
  ADD CONSTRAINT `auction_sub_categories_ibfk_1` FOREIGN KEY (`cat_id`) REFERENCES  
  `auction_categories` (`cat_id`);  
  
ALTER TABLE `item_watching`  
  ADD CONSTRAINT `item_watching_ibfk_1` FOREIGN KEY (`auction_id`) REFERENCES `auction_items`  
  (`auction_id`),  
  ADD CONSTRAINT `item_watching_ibfk_2` FOREIGN KEY (`user_id`) REFERENCES `ou_users` (`userid`);  
  
ALTER TABLE `messages`  
  ADD CONSTRAINT `messages_ibfk_1` FOREIGN KEY (`from_id`) REFERENCES `ou_users` (`userid`),  
  ADD CONSTRAINT `messages_ibfk_2` FOREIGN KEY (`to_id`) REFERENCES `ou_users` (`userid`);  
  
ALTER TABLE `ou_users`  
  ADD CONSTRAINT `ou_users_ibfk_1` FOREIGN KEY (`groupid`) REFERENCES `ou_groups` (`groupid`),  
  ADD CONSTRAINT `ou_users_ibfk_2` FOREIGN KEY (`country`) REFERENCES `countries` (`id`),  
  ADD CONSTRAINT `ou_users_ibfk_3` FOREIGN KEY (`locale`) REFERENCES `locale` (`id`);
```

Overview

Relations Overview



Major Processes

User

Registration

Update Registration

Login

Logout

Forgot Password

Submit Auction Item

Update Auction Item

Bidding

Searching

Feedback

Watch Item

Administrator

Delete Users

Edit Users

Delete Users

Ban Users

Add Auction Categories

Update Auction Categories

Deleting Categories

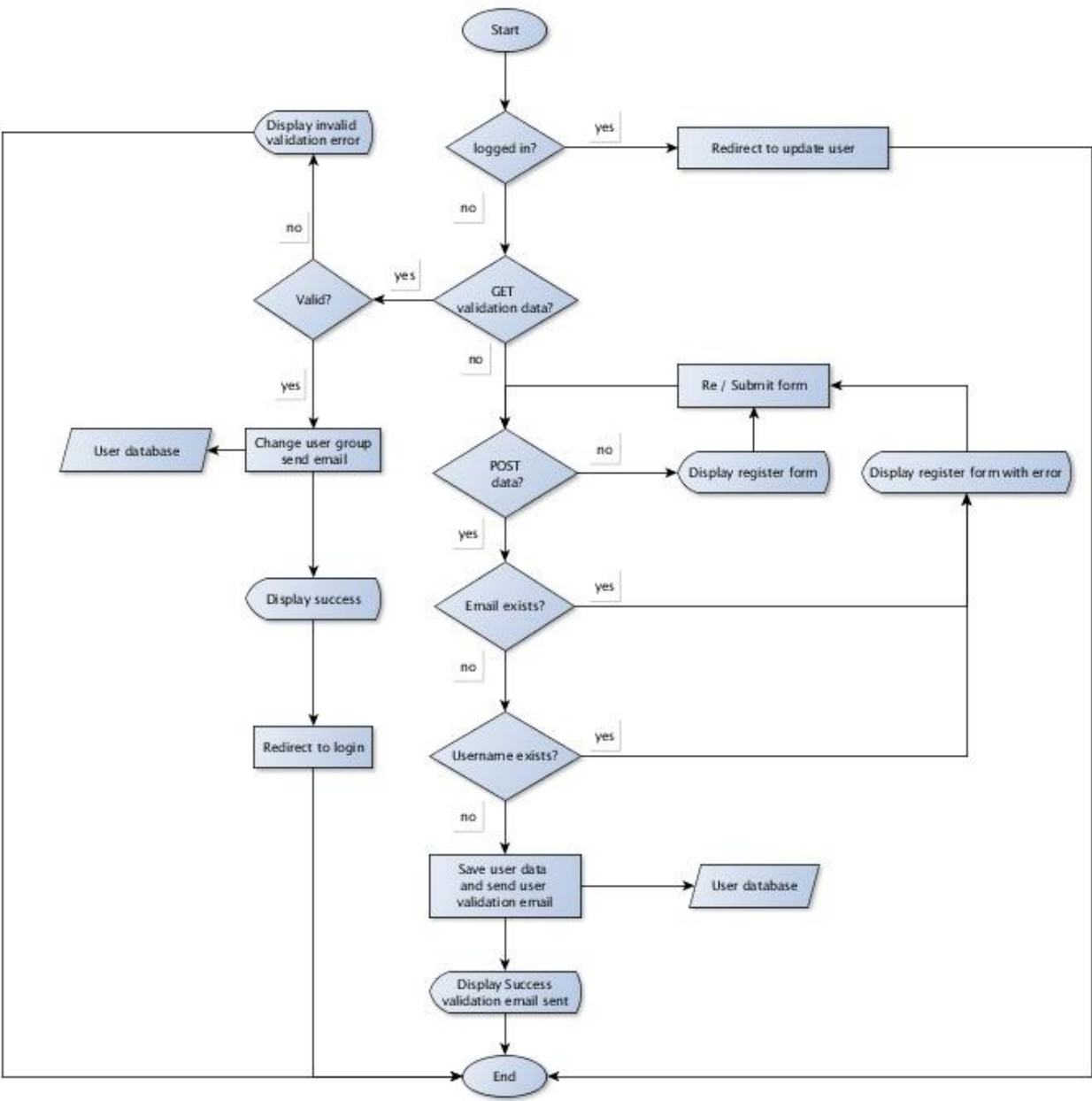
Update Auction Items

Remove Auction Items

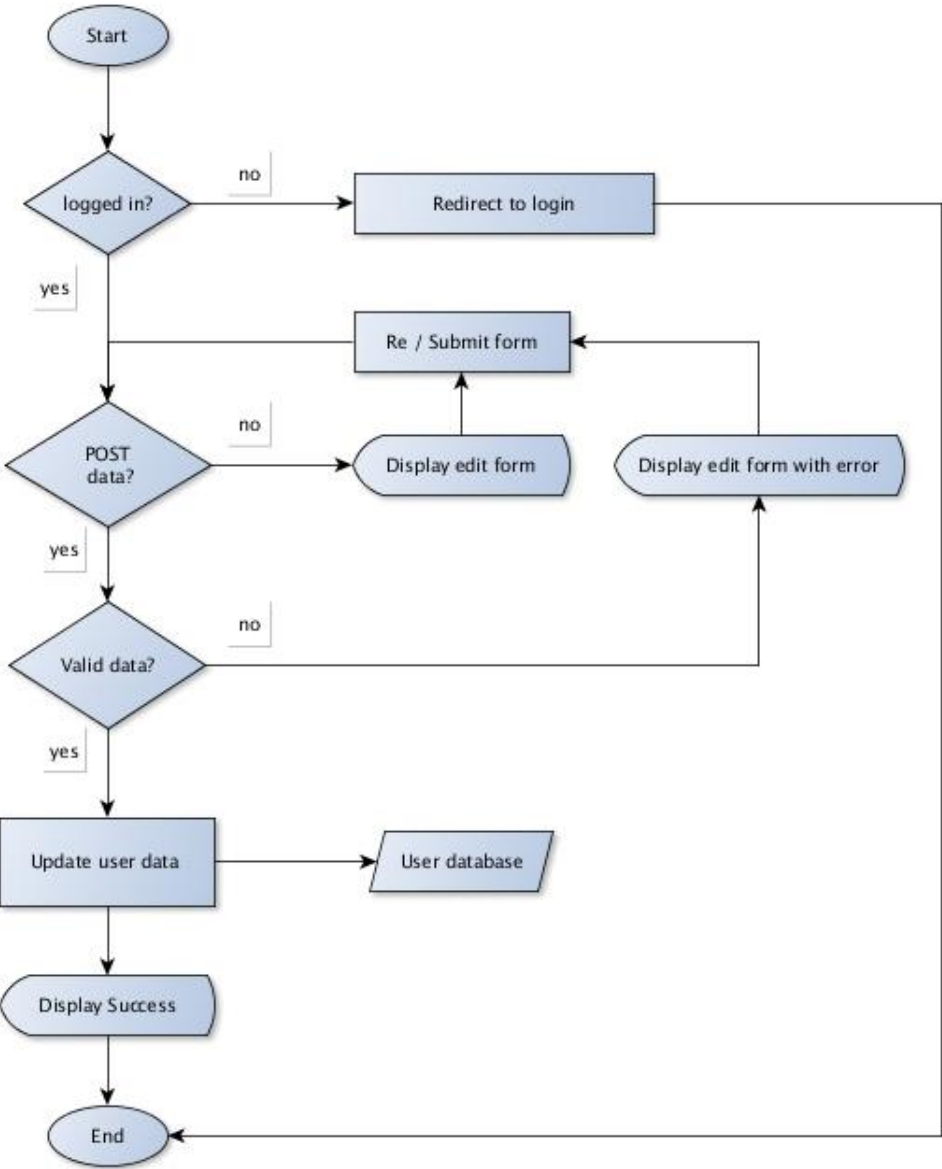
Flow Graphs

User

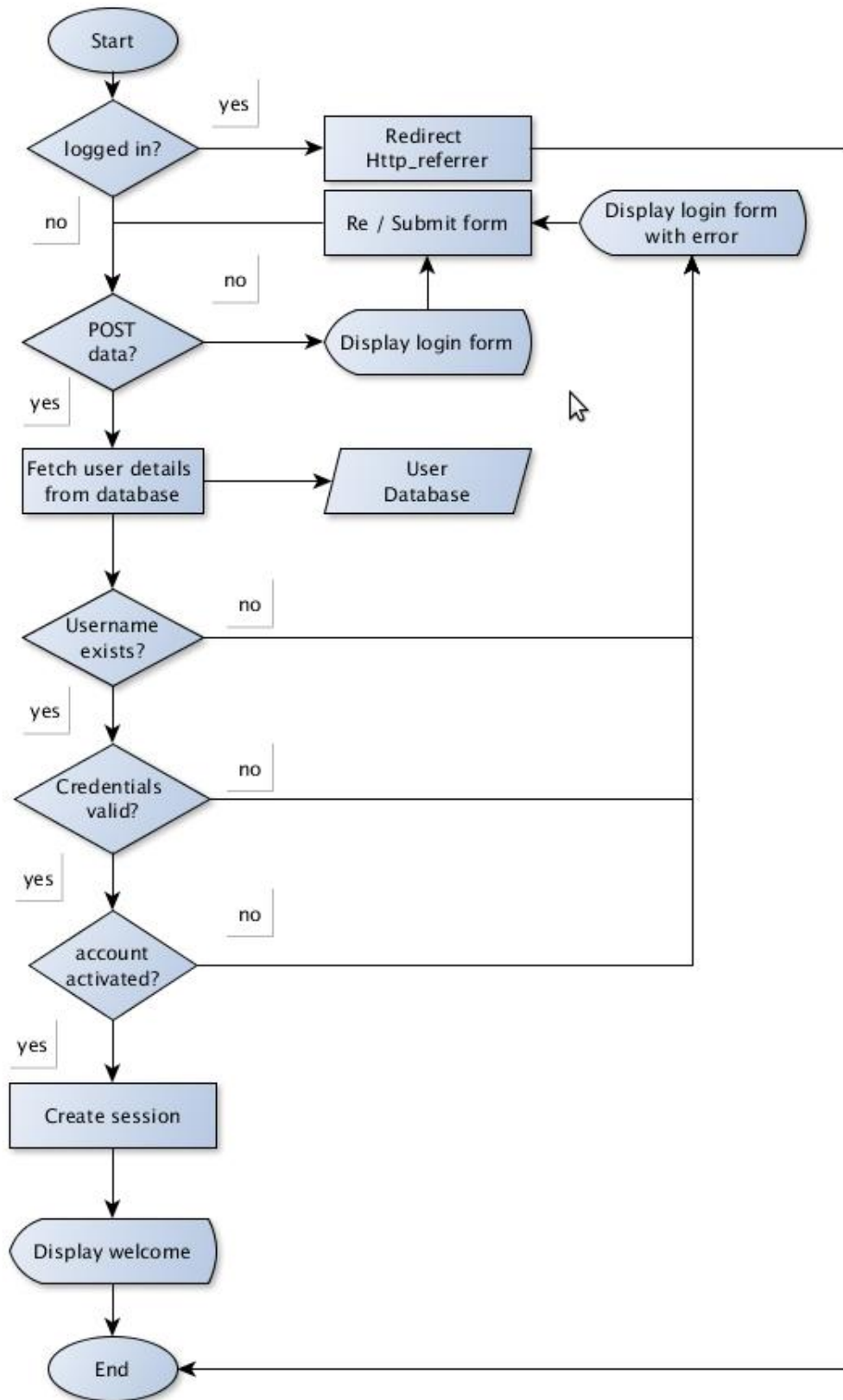
Registration



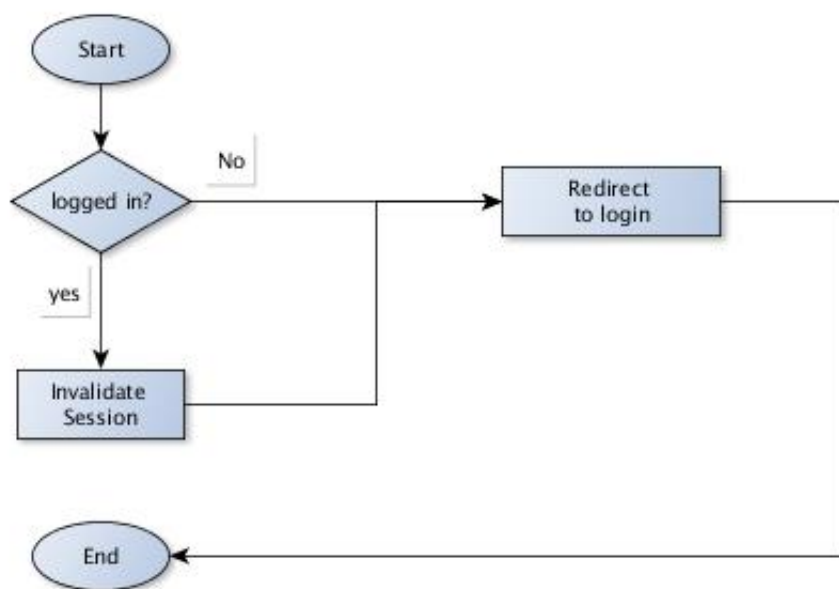
Update Registration



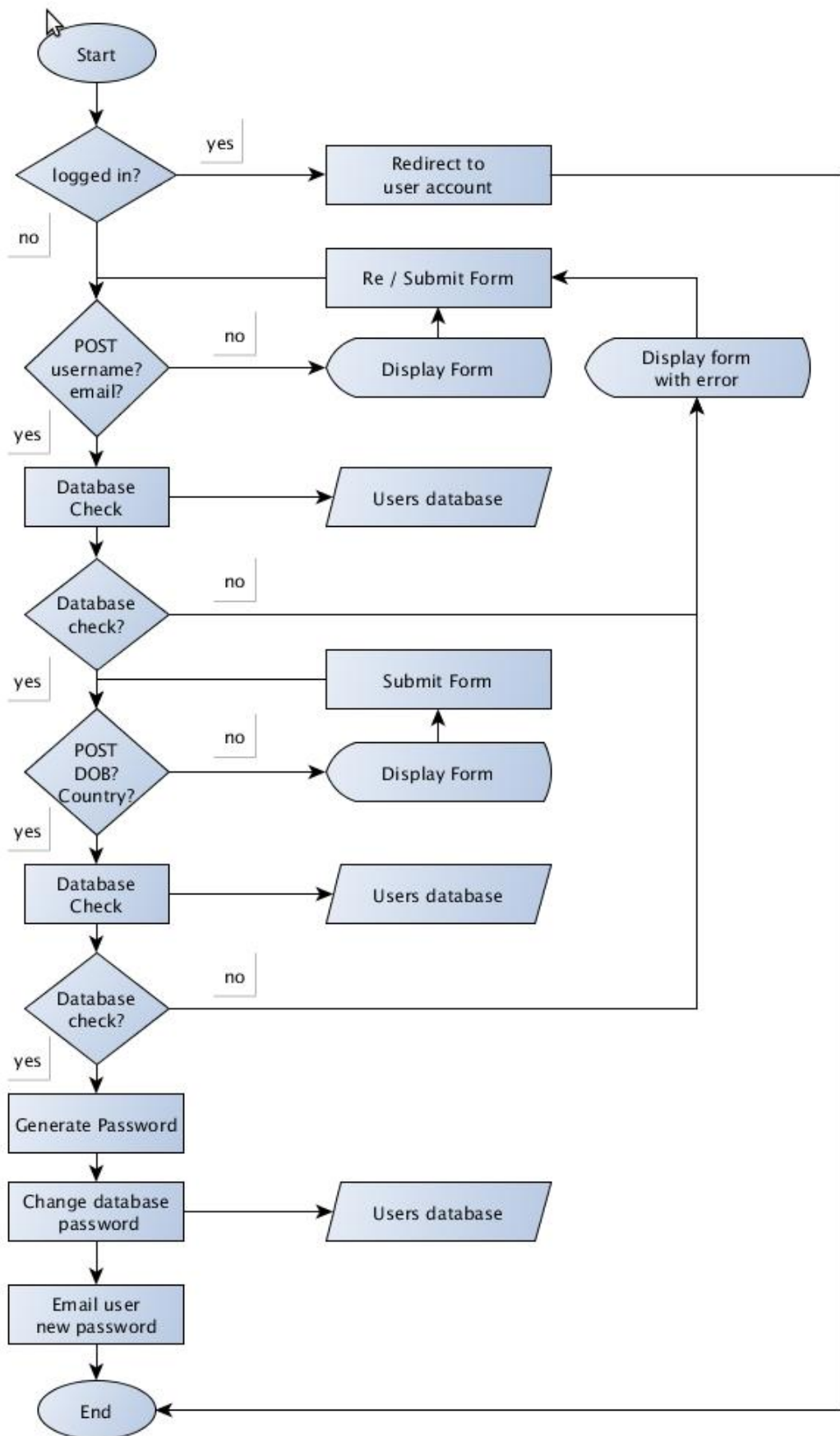
Login



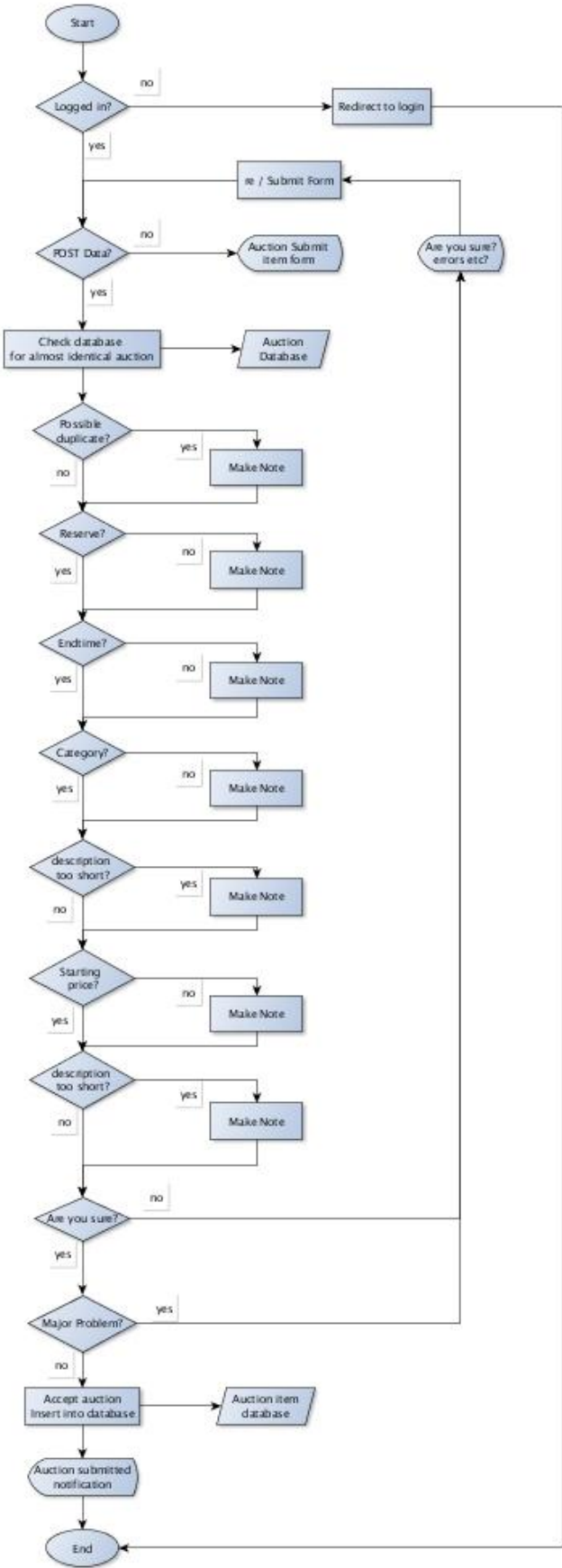
Logout



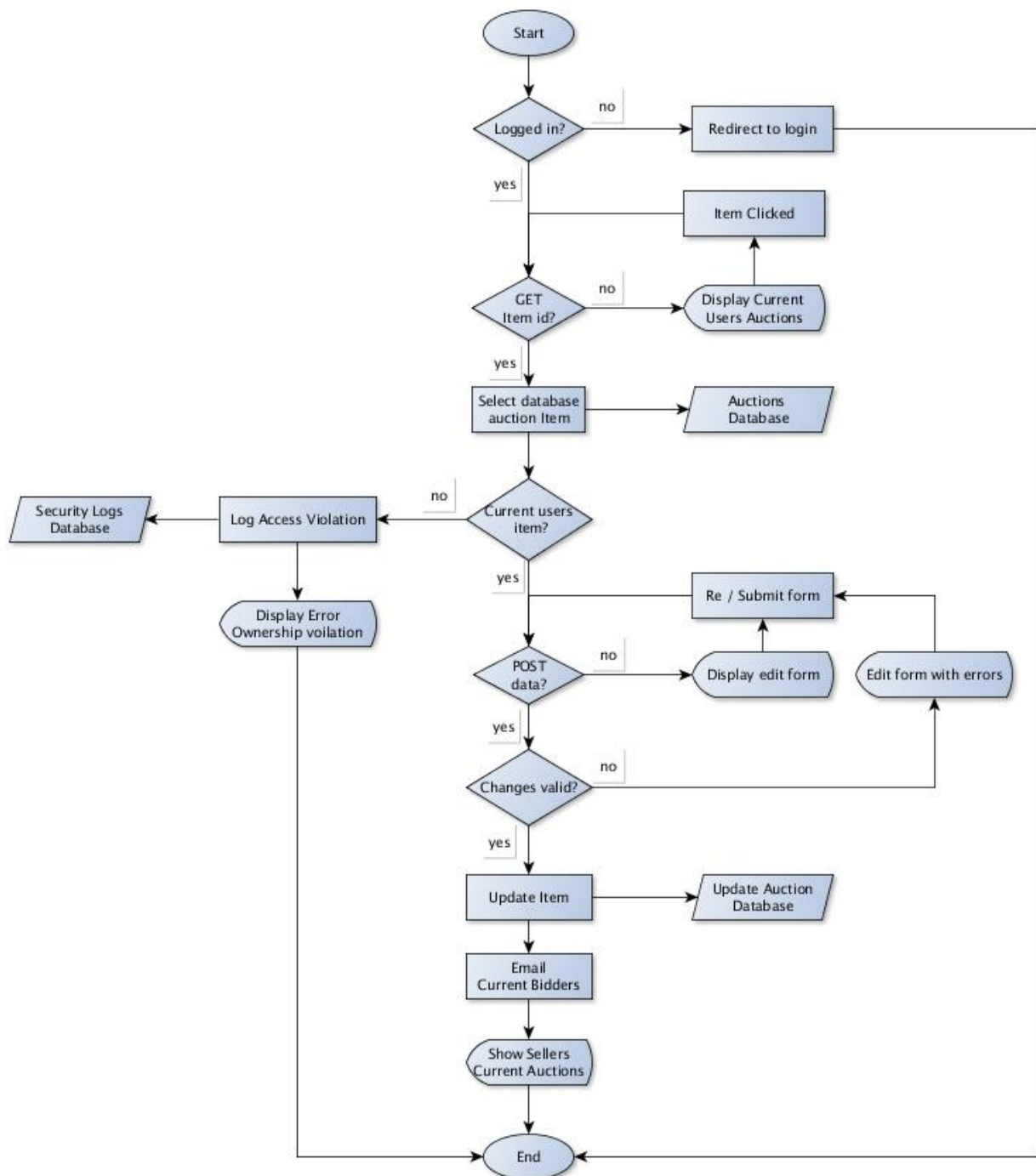
Forgot Password



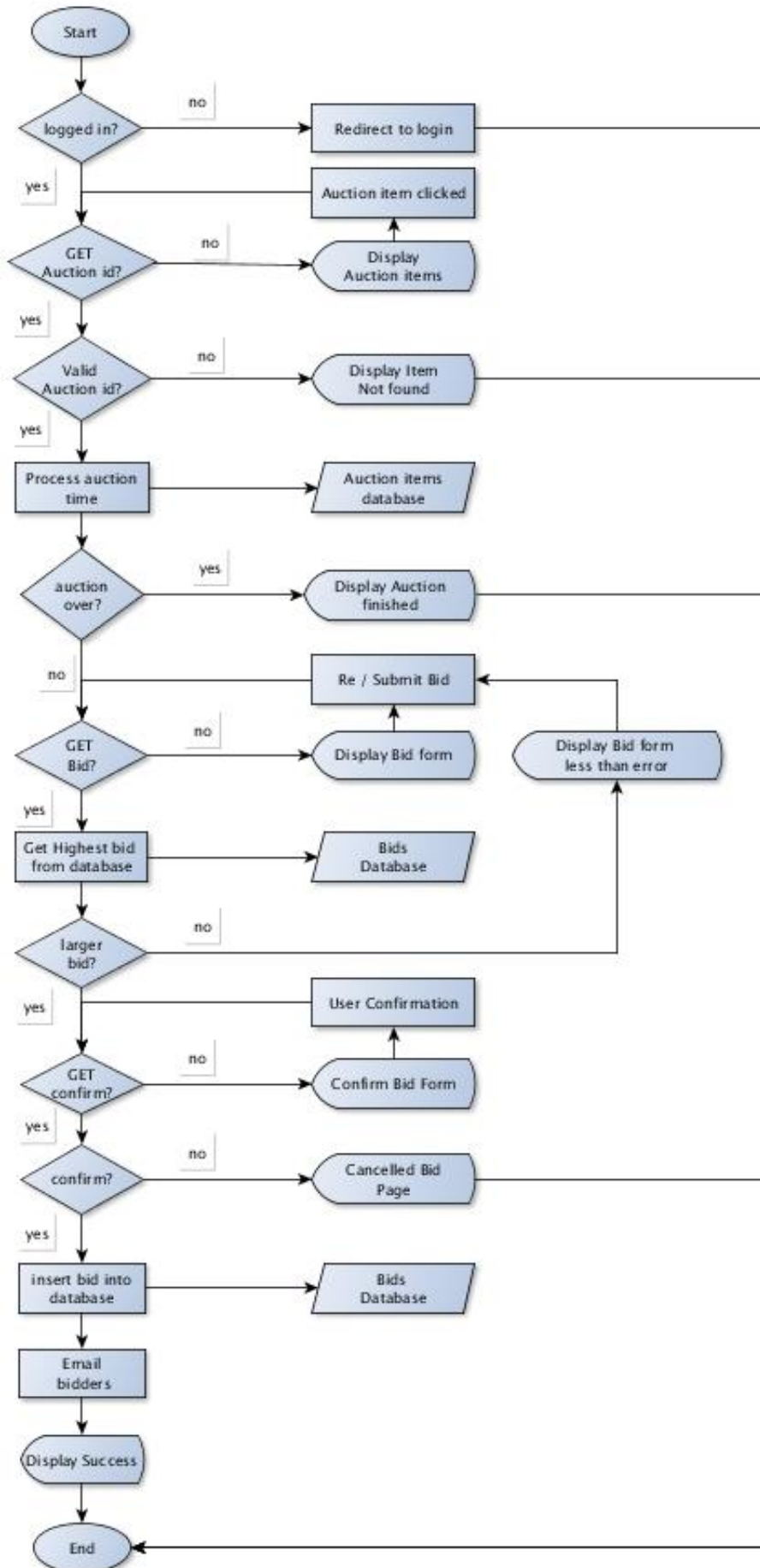
Submit Auction Item



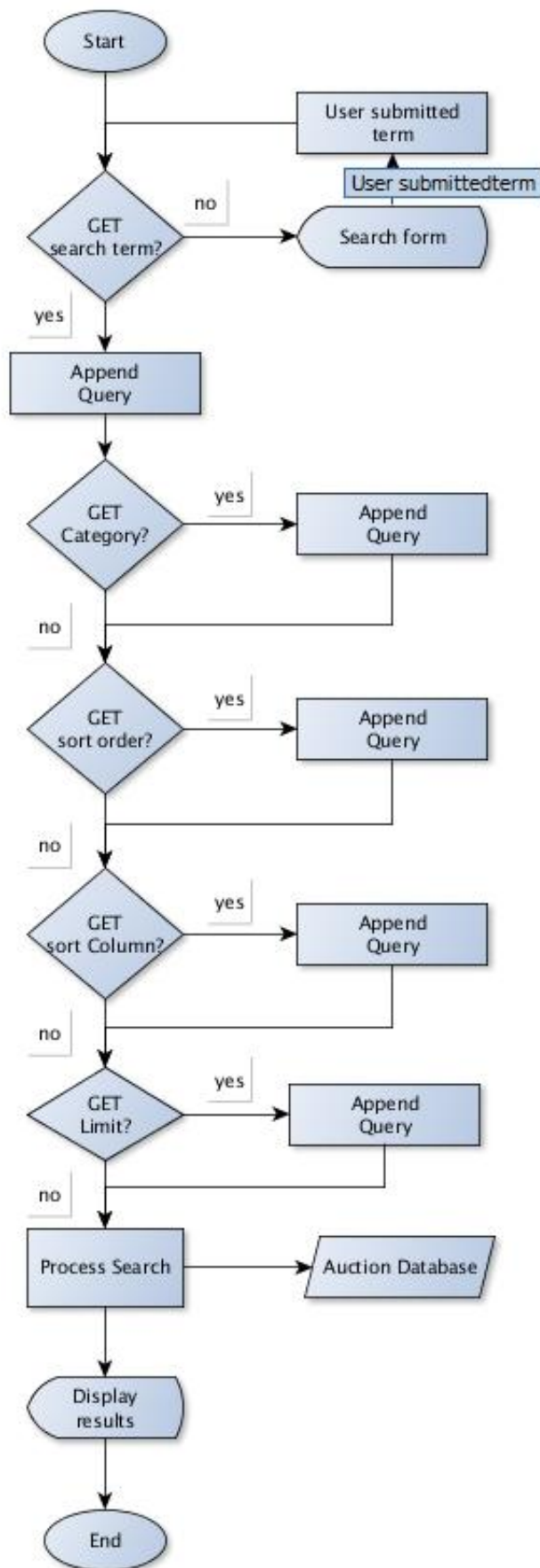
Update Auction Item



Bidding



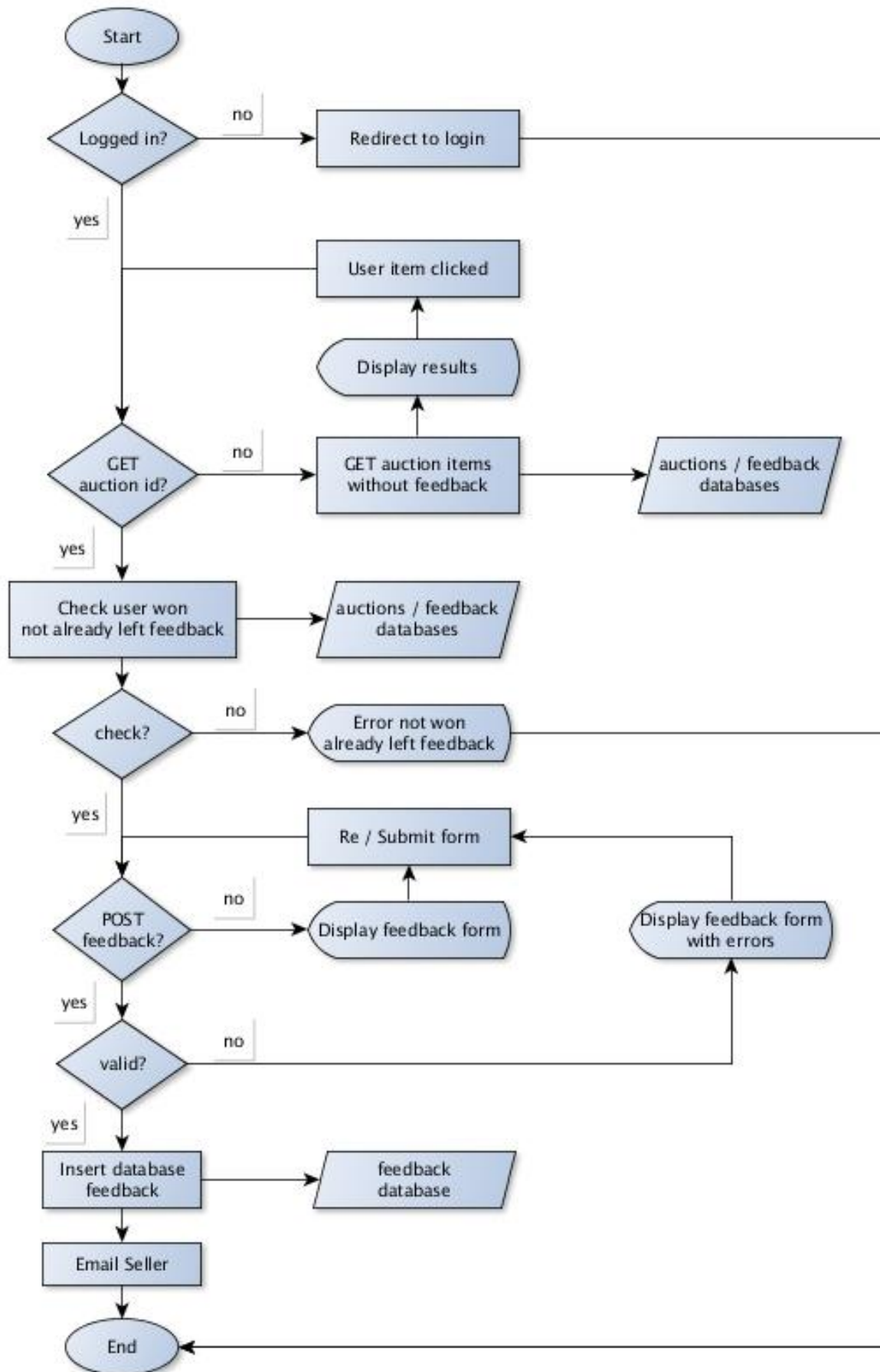
Searching



```
Select * from auction_items
where
description like 'term'
and
category='x'
and
order by COLMUN ORDER
limit 20,40
```

```
add price
postage
etc
```

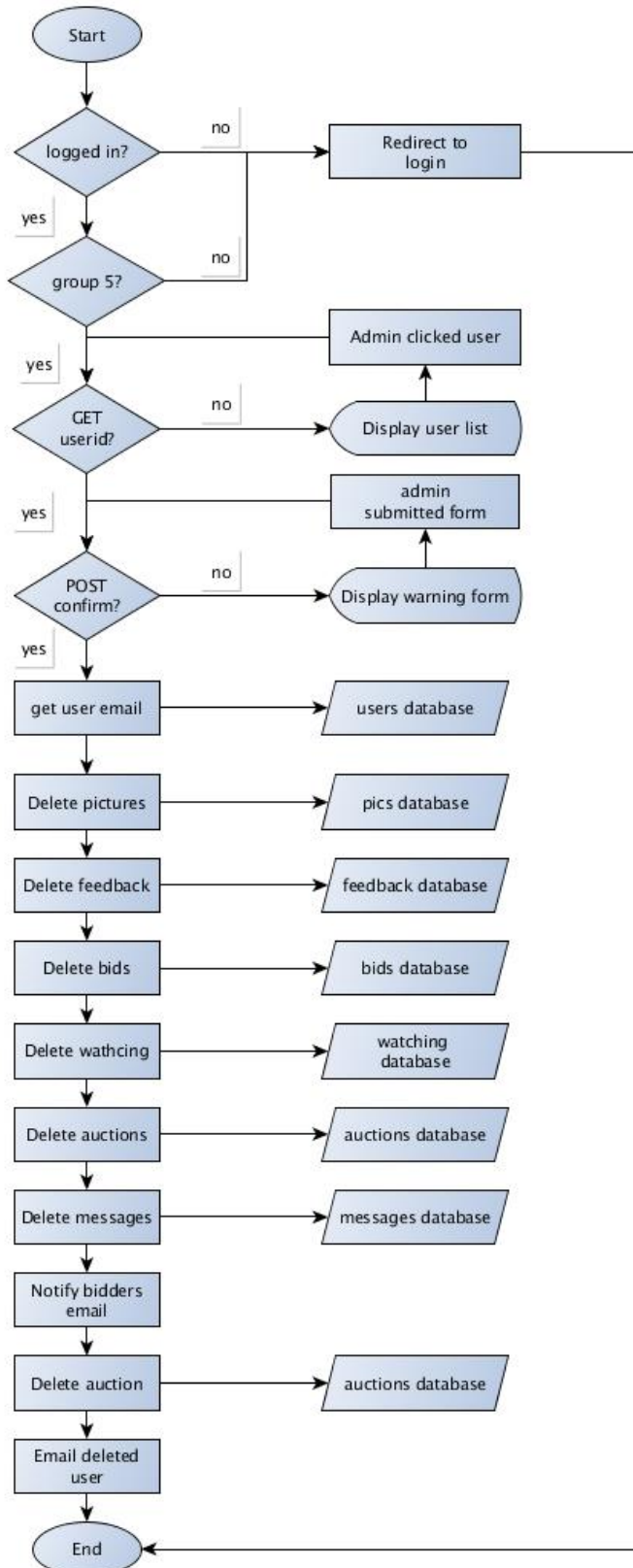
Feedback



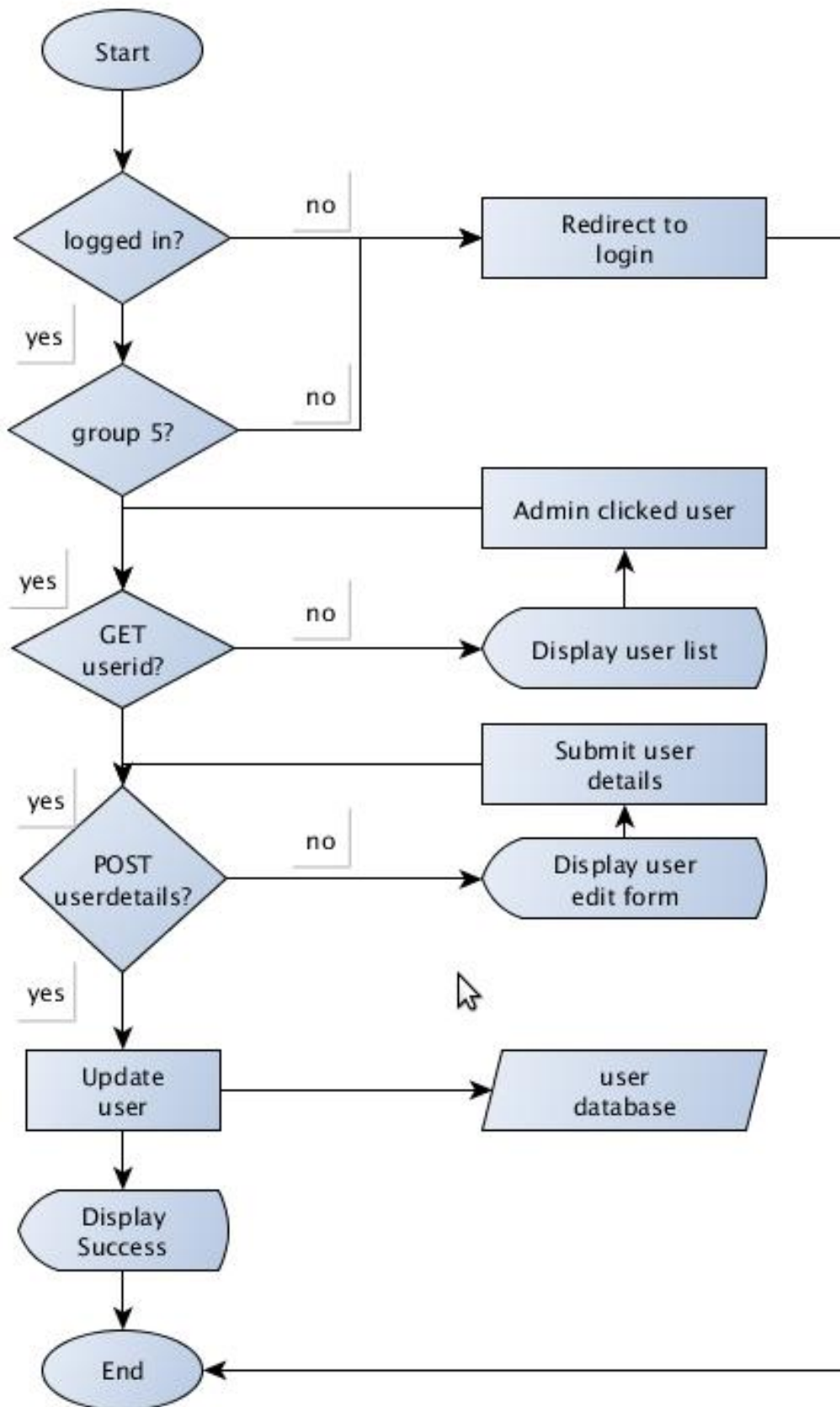
Watch Item

Administrator

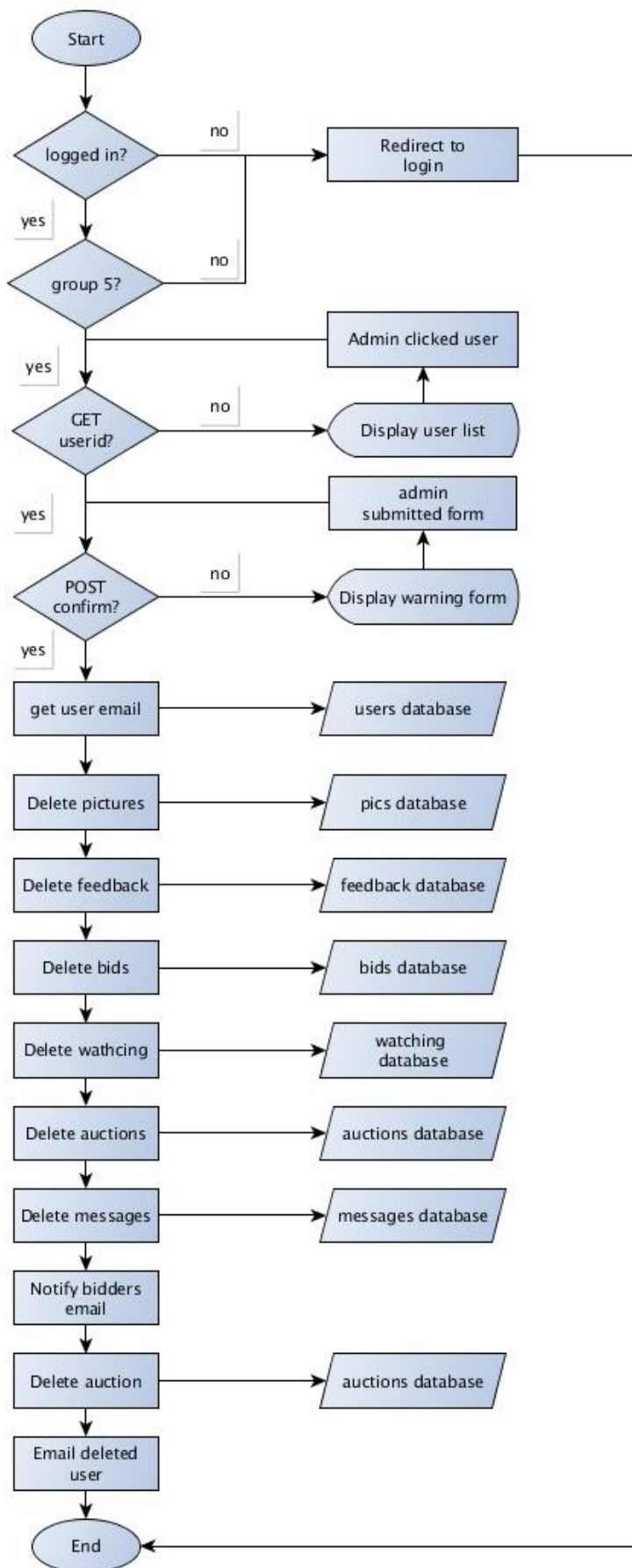
Delete Users



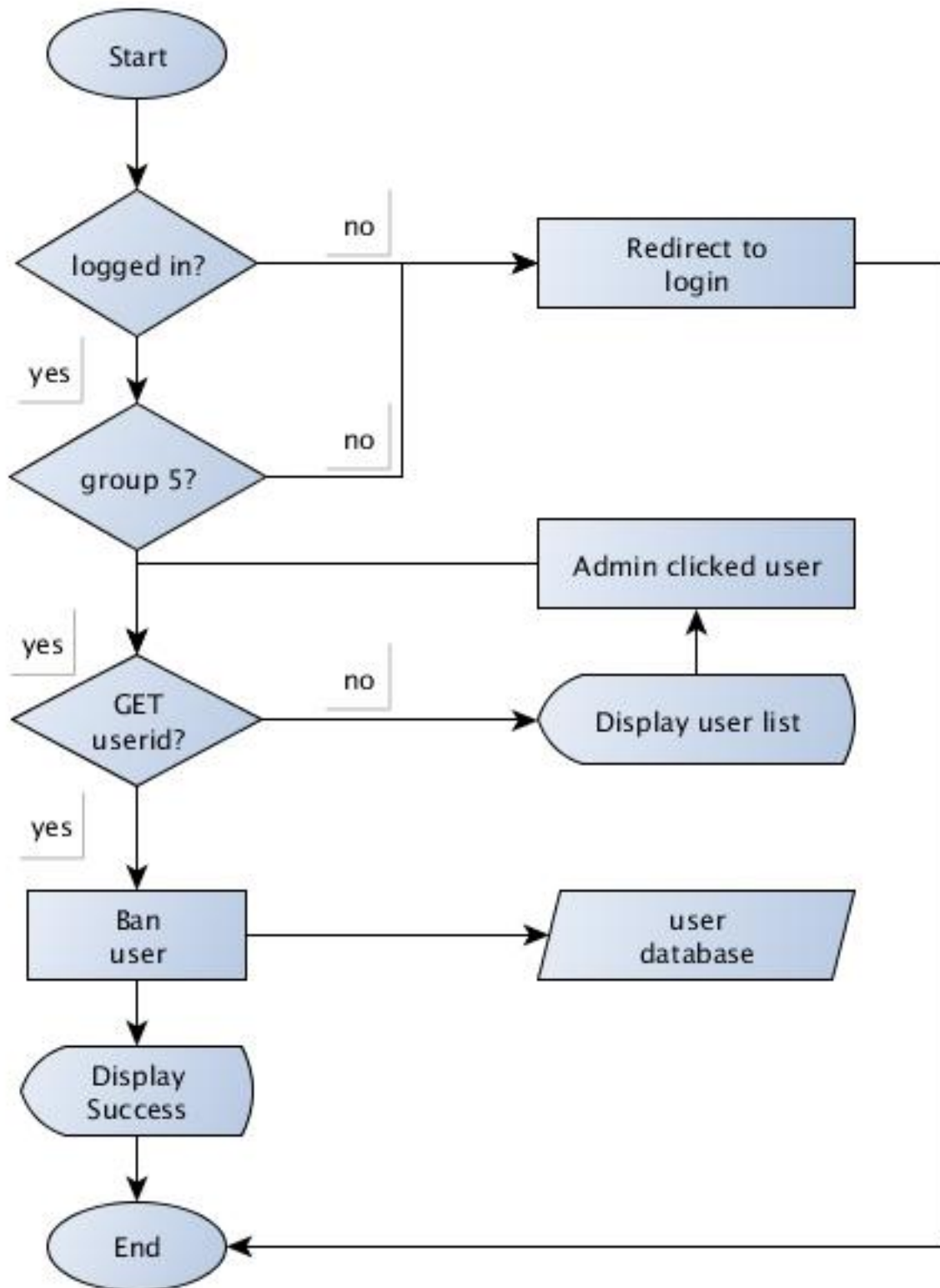
Edit Users



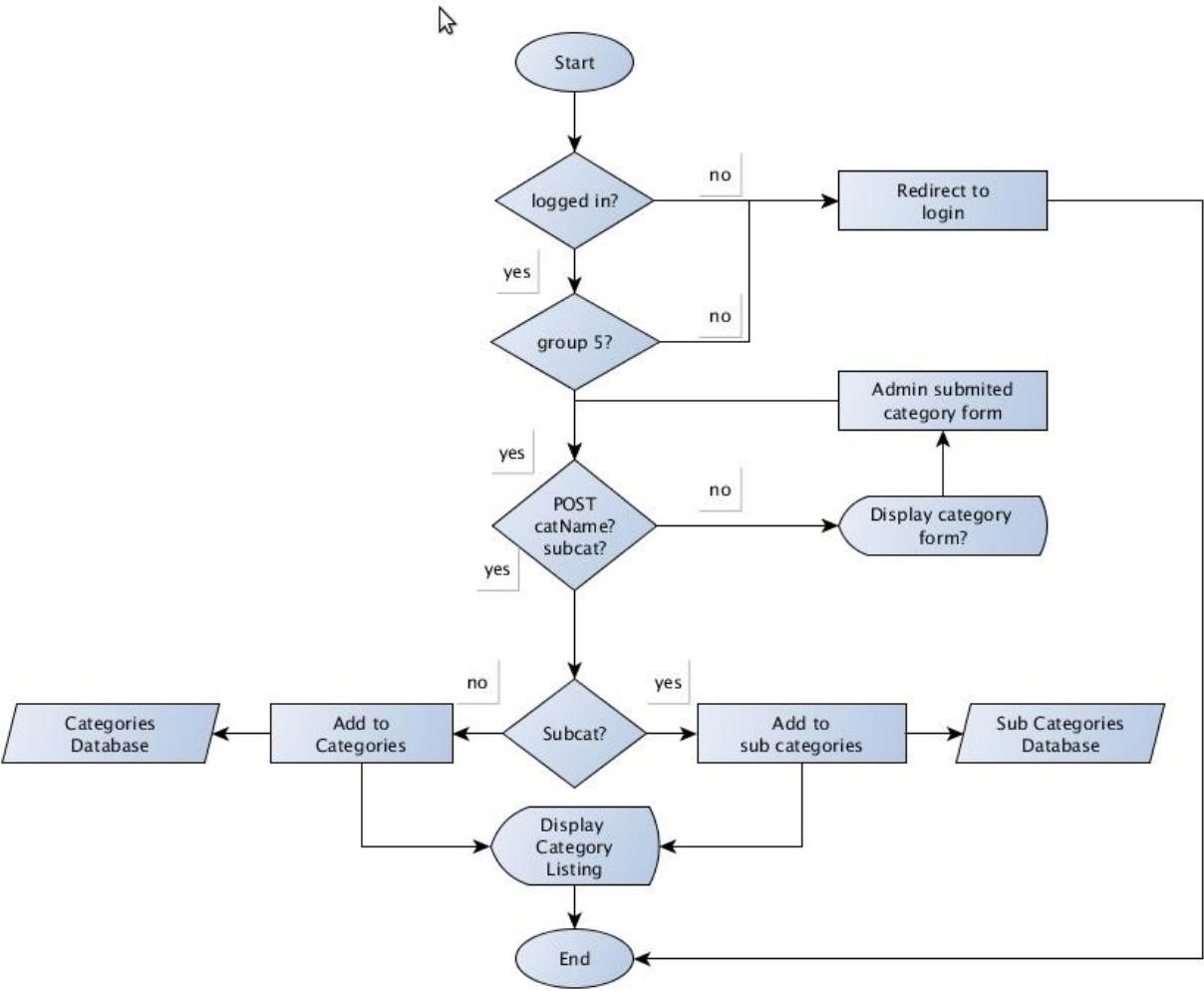
Delete Users



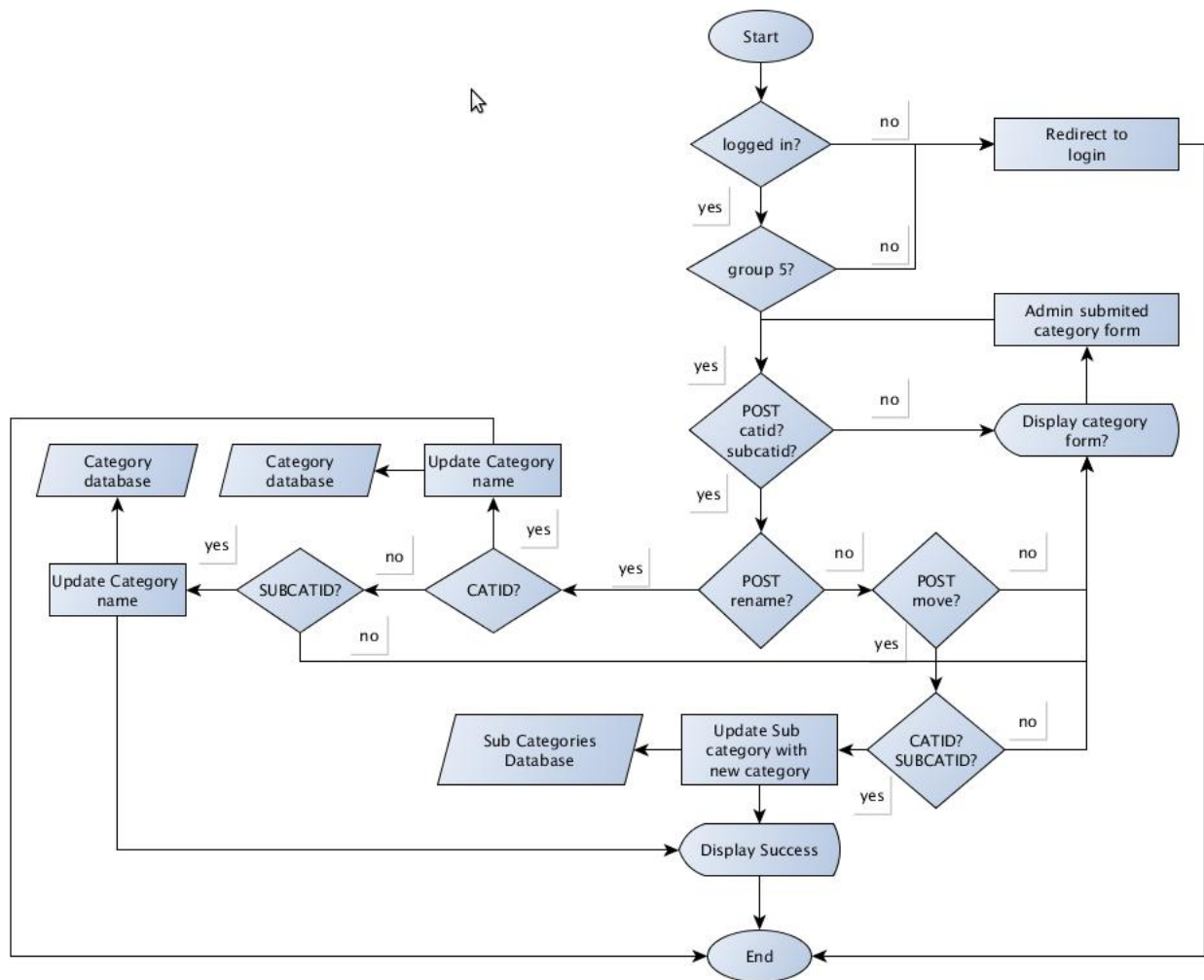
Ban Users



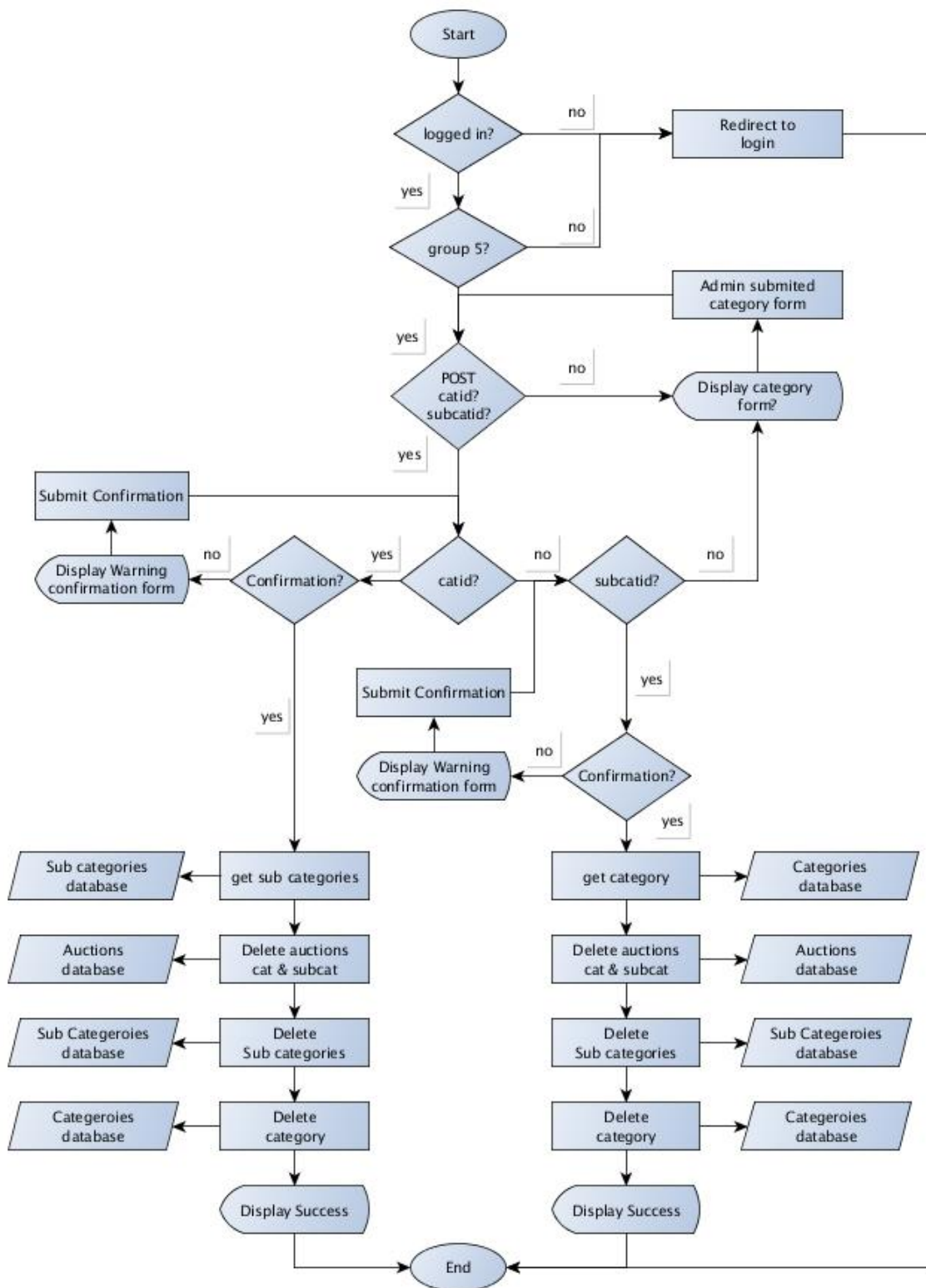
Add Auction Categories



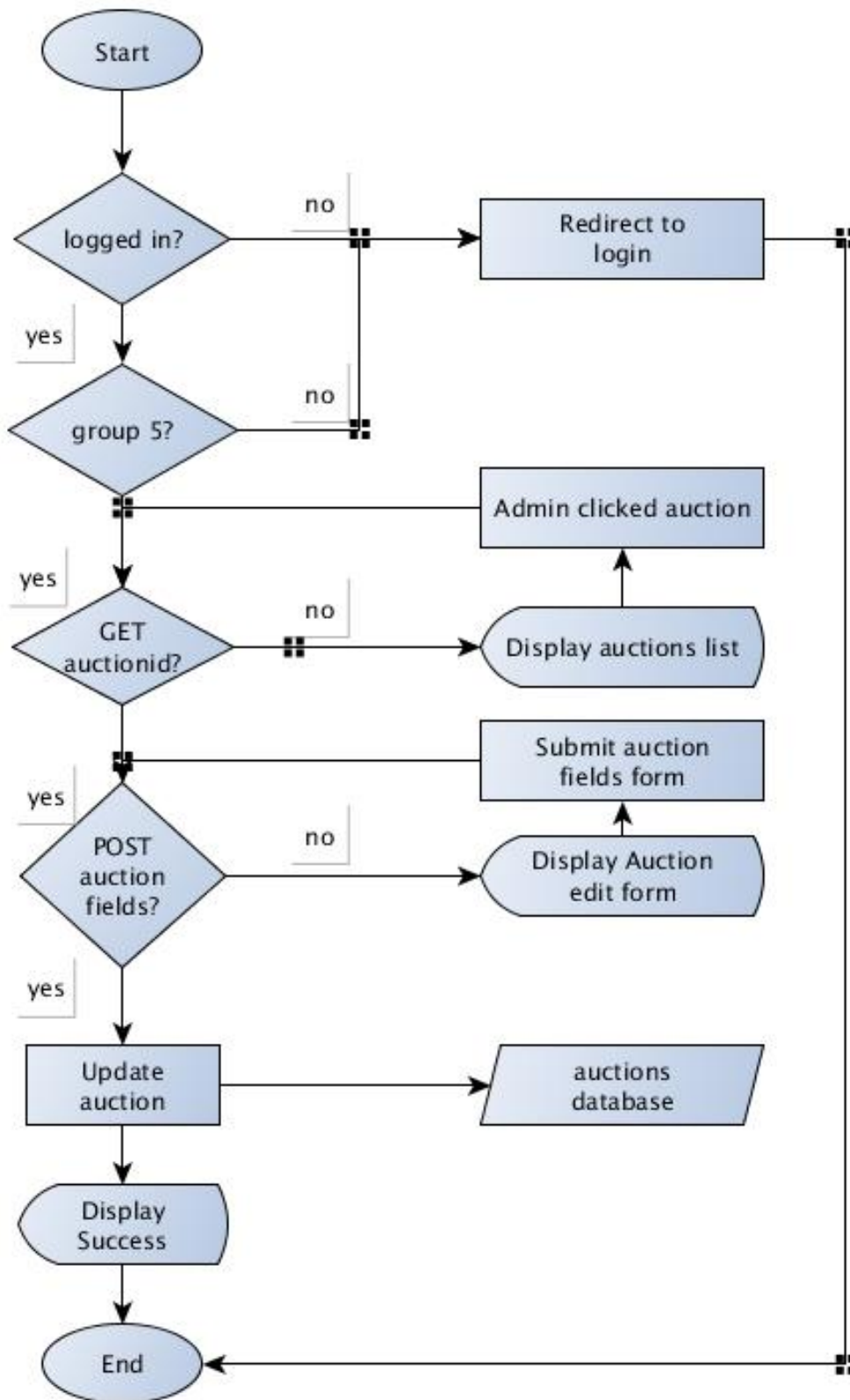
Update Auction Categories



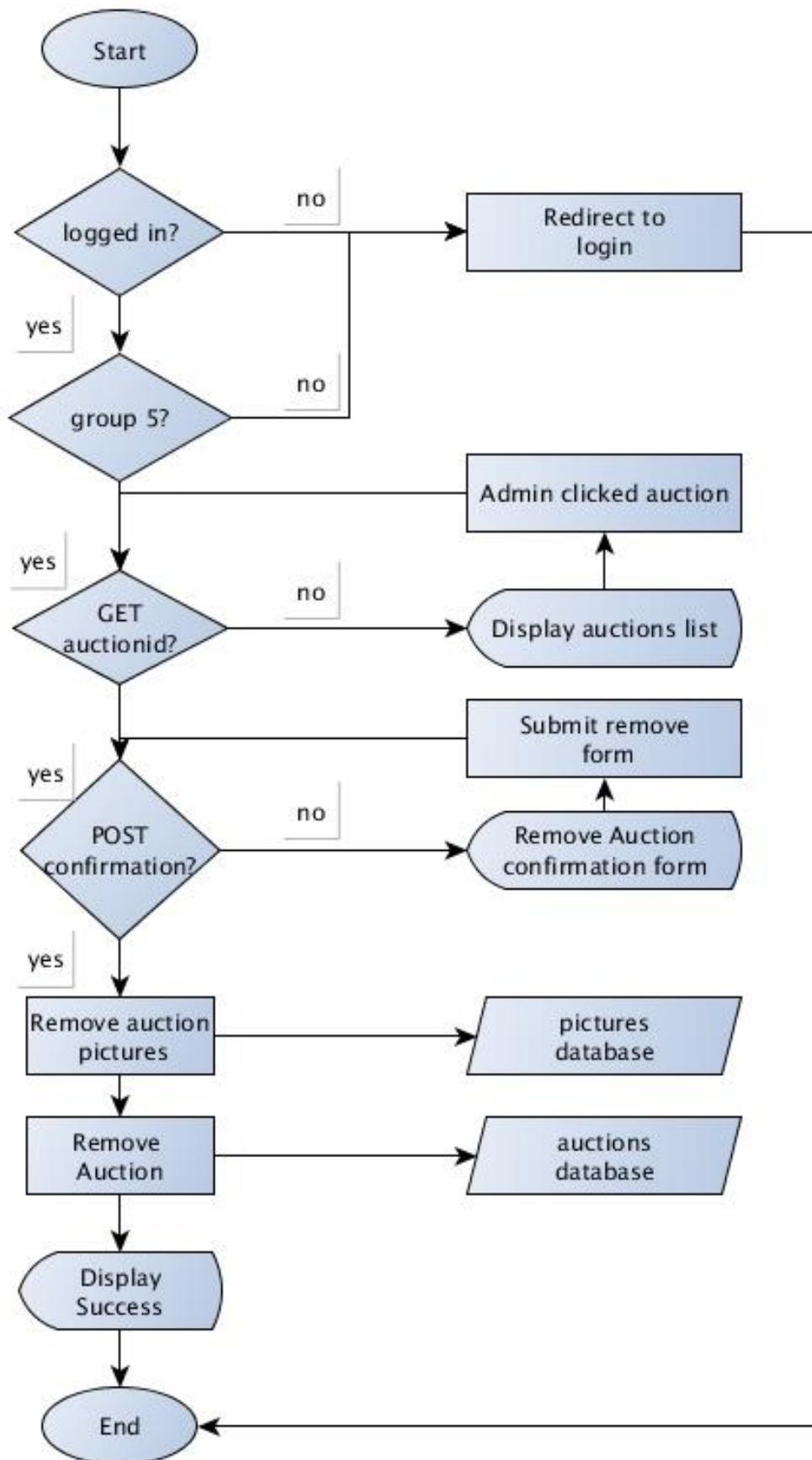
Deleting Categories



Update Auction Items




Remove Auction Items



Page Mockup

Main page

www.charitybay.com / welcome



charity
BAY

Search for:


[Advanced Search](#)

- > Animals
- > Blind
- > Charity Services
- > Children & Youth
- > Deaf
- > Education, Science & Technology
- > Ethnic Organisations
- > Hospitals
- > International Organisations
- > Learning Disabilities
- > Medical Research
- > Religious Organisations
- > Voluntary Services

Login [new account](#)


Password


System: 5
System: 18
System: 12





We offer exclusive licensing or reseller volume rates, depending on your marketing


Whats new?





















Quick some or another


Order ID:

zip:



Ending soon

Registration



Search for:

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- > [Blind](#)
- > [Charity Services](#)
- > [Children & Youth](#)
- > [Deaf](#)
- > [Education, Science & Technology](#)
- > [Ethnic Organisations](#)
- > [Hospitals](#)
- > [International Organisations](#)
- > [Learning Disabilities](#)
- > [Medical Research](#)
- > [Religious Organisations](#)
- > [Voluntary Services](#)

www.charitybay.com / welcome

Register

User Account

Alias
Displayed on the website

Email

Password

Retype password

Postage

First Name

Surname

Date of birth

House Name / Number

Street

County

State / Province

Country

Postcode

Optional

Picture No file chosen

Complete registration

Browsing Auctions









charity
BAY

[Advanced Search](#)

- > Animals
- > Blind
- > Charity Services
- > Children & Youth
- > Deaf
- > Education, Science & Technology
- > Ethnic Organisations
- > Hospitals
- > International Organisations
- > Learning Disabilities
- > Medical Research
- > Religious Organisations
- > Voluntary Services

www.charitybay.com / welcome

Listing

			Price	Postage	Time Left
	Abstract art: Lady DX, standing nude - Signed A4 print	0 Bids	0.99	5.00	3 days
	Desktop Wallpaper (Tiger) 1024x768 1p Offers Accepted	0 Bids	0.99	5.00	3 days
	Impressionist Art: Pendennis Castle - Signed A4 print	0 Bids	0.99	5.00	3 days
	Funny Surrealism: Magritte, Dali - Signed A4 print	0 Bids	0.99	5.00	3 days
	Erotic Art: Valentine's Day, Lovers - Signed A4 print	0 Bids	0.99	5.00	3 days
	Self-Portrait by Geroimenko: Expressionist Art Print	0 Bids	0.99	5.00	3 days

1 2 3 100