

Store

```
public final String[] CAPTCHA=
{"226md.png","22d5n.png","2356g.png","23mdg.png","23n88.png","243mm.png","244
e2.png","245y5.png","24f6w.png","24pew.png","25257.png"};
private final HashMap<UUID,User> users;
private final HashMap<UUID,Admin> admins;
private final HashMap<UUID,Seller> sellers;
private final HashMap<UUID,Order> orders;
private final HashMap<UUID,Product> products;
private final HashMap<String,UUID> usernames;
private final HashSet<UUID> ban;
private double profit;
private final String webAddress;
private final long supportNumber;
private final ArrayList<String> log;
private final String owner;
private final Pair<Double,Double> location;

public Store(String webAddress, long supportNumber, String owner,double
lat,double lon)
public String getWebAddress()
public long getSupportNumber()
public String getOwner()
public Pair<Double, Double> getLocation()
public void addUser(String username, String password , int phoneNumber ,
String address , String email)
public void addSeller(String username , String password ,String email,String
companyName)
public void addAdmin(String username , String password ,String email)
public boolean IsUsernameExist(String username)
public Pair<String,UUID> login(String username,String password)
public ArrayList<String> bans()
public ArrayList<String> users()
public ArrayList<String> sellers()
public ArrayList<String> orders()
public ArrayList<String> products()
public ArrayList<String> log()
public boolean isUserExist(UUID user)
public boolean isSellerExist(UUID seller)
public boolean isProductExist(UUID product)
public double getProfit()
public User findUser(UUID user)
public Product findProduct(UUID product)
public Admin findAdmin(UUID admin)
public Seller findSeller(UUID seller)
public Order findOrder(UUID order)
public void removeProduct(UUID product)
public void sendSellerOrder(UUID seller ,Product product)
public void sendOrder(UUID user)
public void verifyOrderUser(UUID order)
public void cancelOrderUser(UUID order,String reason)
public void addWallet(Pair<UUID,Integer> request)
public void verifyWalletReq(Pair<UUID, Integer> request)
public void cancelWalletReq(Pair<UUID,Integer> request,String reason)
```

```
public void verifySellerReq(Pair<UUID,UUID> request)
public void cancelSellerReq(Pair<UUID,UUID> request,String reason)
public void verifySubscriptionReq(UUID user)
public void cancelSubscriptionReq(UUID user,String reason)
public void addSubscriptions(UUID user)
public void addSellerConfirm(Seller seller)
public void verifySellerConfirm(UUID seller)
public void cancelSellerConfirm(UUID seller)
public void addRefundReq(Pair<UUID,UUID> request)
public void verifyRefund(Pair<UUID,UUID> request)
public void cancelRefund(Pair<UUID,UUID> request , String reason)
public void ban(UUID person)
public void permit(UUID person)
public UUID findByInfo(String username)
private int numberOfMatch(ArrayList<String> substr,Product product)
public ArrayList<UUID> findProductByInfo(String str)
public ArrayList<UUID> offers()
```