

com.Amazon.models
Admin.java Classified.java Condition.java Transactions.java User.java

Admin.java
+ String : adminId + String : password + Admin : admin
+ getAdminInstance() : Admin + getAdminId() : String + getPassword() : String

Condition.java
+ getDisplayName() + Condition()

Classified.java
+ int : id +String : headline + String : productName +String : brand + Condition : condition + String : description + double : price + String : category + int : userId + String : approvalStatus + String : inventoryStatus
+ getId() + setId(int id) + getHeadline() + setHeadline() + getProductName() + setProductName() + getBrand() + setBrand() + getCondition() + setCondition() + getDescription() + setDescription() + getPrice() + setPrice() + getCategory() + setCategory() + getUserId() + setUserId() + getApprovalStatus() + setApprovalStatus() + getInventoryStatus() + setInventoryStatus()

Transactions.java
+ int : transactionId; + int : productId; + int : sellerId; + int : buyerId; + double : productAmount; + String : dateTime;
+ getTransactionId() + setTransactionId() + getProductId() + setProductId() + getSellerId() + setSellerId() + getBuyerId() + setBuyerId() + getProductAmount() + setProductAmount() + getDateTime() + setDateTime()

User.java
+ int : id; + String : username; + String : password; + String : email; + String : phone; + int : isActive; + double : balance;
+ getId() + setId(int id) + getUsername() + setUsername() + getPassword() + setPassword() + getEmail() + setEmail() + getPhone() + setPhone() + isActive() + setActive() + getBalance() + setBalance() + User()

com.Amazon.managers
AdminManager.java UserManager.java

UserManager.java
+ User : user + Scanner : scanner; + UserManager : userManager; + DatabaseConnection : connectionManager
+ UserManager() + getInstance() + postClassified() + viewApprovedClassifieds() + viewMyClassifieds() + manageProfile() + buyProduct() + paymentOptions()

AdminManager.java
+ Scanner : scanner + DatabaseConnection : connectionManager + AdminManager : adminManager
+ getInstance() + AdminManager() + approveClassified() + rejectClassified() + activateUser() + deactivateUser() + addClassified() + removeClassified() + manageCategory() + generateReports() + viewAllClassifieds() + viewAllUsers() + viewInStockItems() + viewSoldItems()

com.Amazon.main

AdminApp.java
Main.java
UserApp.java

com.Amazon.dataStorage

ClassifiedDAO.java
TransactionDAO.java
UserDAO.java
DatabaseConnection.java

AdminApp.java
+ Scanner : scanner + String : adminID + String : password + int : loginTries + int : maxLoginTries
+ getInstance() + AdminApp() + startAdminApp() + login() + setLoginDetails() + adminMenu()

Main.java
+ Scanner : scanner
+ main()

UserApp.java
+ Scanner : scanner + int : userId + UserApp : app;
+ getInstance() + UserApp() + startUserApp() + registerUser() + loginUser() + userMenu()

ClassifiedDAO.java
+ DatabaseConnection : connectionManager + ClassifiedDAO : classifiedDAO
+ getInstance() + ClassifiedDAO() + isClassifiedIdValid() + getClassifiedById() + removeClassified() + updateInventoryStatus()

UserDAO.java
+ User : user + UserDAO : userDao + DatabaseConnection : connectionManager
+ getInstance() + UserDAO() + createUser() + getUserId() + findUserById() + findUserByUsername() + updateUser() + deleteUser() + updateEmail() + updatePhone() + updatePassword() + checkBalance() + addBalance() + updateUserBalance()

TransactionDAO.java
+ Transactions : transaction + DatabaseConnection : connectionManager + TransactionDAO : transactionDAO
+ getInstance() + TransactionDAO() + insertTransaction() + getTransactionById() + getAllTransactions()

DatabaseConnection.java
+ Connection : connection + String : DB_URL
+ DatabaseConnection() + getConnection() + closeConnection()

