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| **Session Beans** | **Methods + Description** | **Exception Classes** |
| EmployeeController | Create new employee entity  Retrieve all employee  Retrieve employee by employee ID  Retrieve employee by username  Update employee  Delete employee  Change password  Login | EmployeeExistException  EmployeeNotFoundException  InvalidLoginCredentialException  GeneralException |
| AuctionController | Create new auction listing entity  Delete auction listing  Update auction listing  Retrieve all auction listing  Retrieve auction listing by auction ID  Retrieve all auction listing below reserve price  Retrieve all won auction listing  Link employee to auction  Set auction listing status based on start and end date time (EJB Timer) | AuctionNotFoundException |
| CreditPackageController | Create new credit package entity  Retrieve credit package by credit package ID  Retrieve all credit package  Delete credit package  Update credit package  Link employee to credit package | CreditPackageNotFoundException |
| CustomerController | Create new customer  Retrieve al customers  Retrieve customer by identification number  Retrieve customer by username  Retrieve customer by customer ID  Update customer  Delete customer  Customer Login  \*Link transaction to customer  \*Link auction to customer | CustomerExistException  CustomerNotFoundException  InvalidLoginCredentialException  GeneralException |
| TransactionController | Create new transaction entity  Retrieve all transactions  Retrieve transaction by transaction ID  Set auction to transaction  Set customer to transaction  Delete transaction  Link credit package to transaction  Link auction to transaction  Link customer to transaction | TransactionNotFoundException |
| PremiumCustomerController | Create new premium customer entity |  |

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| **Client Class** | **Methods + Description** |
| OASAdministrationPanel | MAIN MENU:   * Employee login (employeeControllerRemote.login) * Employee change password (employeeControllerRemote.changePassword)   1.1 System Administrator   * create new employee (employeeControllerRemote.createNewEmployee) * view employee details (employeeControllerRemote.retrieveEmployeeByEmployeeId) * update employee (employeeControllerRemote.updateEmployee) * delete employee (employeeControllerRemote.deleteEmployee) * logout   1.2 Finance Staff   * create credit package (creditPackageControllerRemote.createCreditPackage) * update credit package (creditPackageControllerRemote.updateCreditPackage, creditPackageControllerRemote.retrieveCreditPackageByCreditPackageId) * delete credit package (creditPackageControllerRemote.deleteCreditPackage, creditPackageControllerRemote.retrieveCreditPackageByCreditPackageId) * view all credit package (creditPackageControllerRemote.retrieveAllCreditPackage) * logout   1.3 Sales Staff   * create auction listing (auctionControllerRemote.createNewAuction) * update auction listing (auctionControllerRemote.updateAuction, auctionControllerRemote.retrieveAuctionByAuctionId) * delete auction listing (auctionControllerRemote.deleteAuction, auctionControllerRemote.retrieveAuctionByAuctionId) * view all auction listing (auctionControllerRemote.retrieveAllAuctionListings) * assign winning bid (below reserve price) * logout |
| OASAuctionClient | MAIN MENU:   * Customer login * Register (create new customer)   Customer   * view customer profile * update customer profile * create address * view address * update address * delete address * view all addresses * view credit balance * view credit transaction history * purchase credit package * browse all auction listing * place new bid * refresh auction listing bids * browse won auction listing (won listing should include customer’s delivery address) * logout |
| Premium Customer  (\*requires web service) | MAIN MENU   * Premium registration * \*Remote login   Premium customer   * \*View credit balance * Configure proxy bidding for auction listing * Configure snipping for auction listing * \*Browse all auction listing * \*View won auction listing * \*Remote logout |