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| **Session Beans** | **Methods + Description** | **Exception Classes** |
| EmployeeController | Create new employee entity  Update employee  Delete employee  Change password  Login | EmployeeExistException  EmployeeNotFoundException  InvalidLoginCredentialException |
| AuctionController | Create new auction listing entity  Delete auction listing  Update auction listing  Retrieve all auction listing  Retrieve all auction listing below reserve price  Retrieve all won auction listing  \*Set auction listing status based on start and end date time | AuctionNotFoundException |
| CreditPackageController | Create new credit package entity  Delete credit package  Update credit package | CreditPackageNotFoundException |
| CustomerController | Create new customer entity  Retrieve  Update  Delete  Login | CustomerExistException  CustomerNotFoundException  InvalidLoginCredentialException |
| CreditTransactionController | Create new credit transaction entity  Retrieve all credit transactions by… | TransactionNotFoundException |
| PremiumCustomerController | Create new premium customer entity |  |

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| **Client Class** | **Methods + Description** |
| OASAdministrationPanel | MAIN MENU:   * Employee login * Employee change password   1.1 System Administrator   * create new employee * view employee details * update employee * delete employee * logout   1.2 Finance Staff   * create credit package * update credit package * delete credit package * view all credit package * logout   1.3 Sales Staff   * create auction listing * update auction listing * delete auction listing * view all auction listing * 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 |