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| *Online Shopping System* |
| -Idnumber: int -Usertype: string  +Username: string  -Password: string |
| +Register()  +Login() |

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| Admin |
| -Usertype: string  -Username: string  -Password |
| -view\_members()  -set\_members()  -remove\_members()  -remove\_sellers()  -view\_product\_details()  -view\_product\_list()  -view\_payment\_details()  -view\_order\_details() |

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| Seller |
| -Idnumber: int  +Username: string  -Password: string  -Phone\_number: int  -Email: string  -Address: string |
| -Login()  -Viewcart()  -View\_products  -Checkout()  -Cancel\_order()  -View\_product\_details()  -set\_product\_details()  -Logout |

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| Customer |
| -Idnumber: int  +Username: string  -Password: string  -Phone\_number: int  -Email: string  -Address: string |
| -Login()  -Viewcart()  -View\_products()  -Checkout()  -Cancel\_order()  -View\_cart()  -View\_order()  -Logout() |

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| Order |
| +order\_number: string  +order\_date: string  +Ship\_to: string  +Ship\_from: string  -Order\_Status |
| -View\_details()  -Cancel\_order() |

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| Product |
| +Idnumber  +Productname  -Supplier  -Quantity  +Price |
| -Add\_to\_cart()  -Remove\_from\_cart()  -display\_productlist() |

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| Payment |
| -order\_number: string  -amount: int  -total: int |
| -refund()  -make\_payment()  -view\_details() |