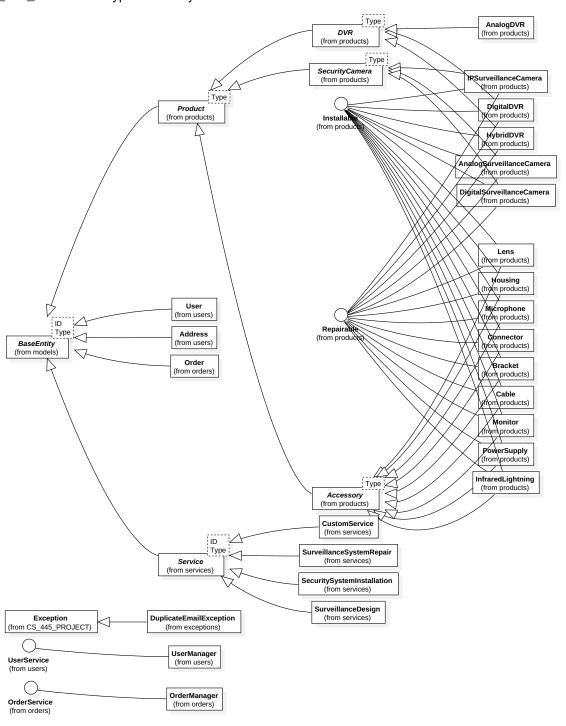


CS_445_PROJECT::Type Hierarchy



ID Type

BaseEntity

-creationTime: Date-modificationTime: Date

-version: long

+getId(): ID

+getCreationTime(): Date

+setCreationTime(creationTime: Date): void

+getModificationTime(): Date

+setModificationTime(modificationTime: Date): void

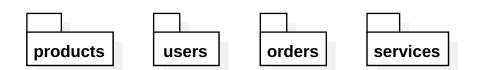
+getVersion(): long

+setVersion(version: long): void

+toString(): String

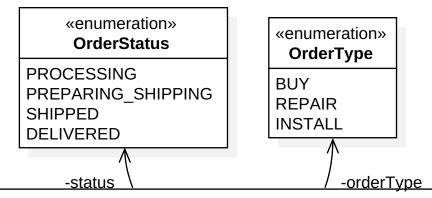
+equals(o: Object): boolean

+hashCode(): int +saveNew(): void +update(): void +delete(): void +listAll(): Type[*]



CS_445_PROJECT::iit::cs445::models::products::Overview The state of the state of

Address -id: Long -phoneNumber: String -streetAddress: String -firstName: String -lastName: String -zipCode: String -country: String -city: String -state: String +getId(): Long +setId(id: Long): void +getPhoneNumber(): String +setPhoneNumber(phoneNumber: String): void +getStreetAddress(): String +setStreetAddress(streetAddress: String): void +getFirstName(): String +setFirstName(firstName: String): void +getLastName(): String +setLastName(lastName: String): void +qetZipCode(): String +setZipCode(zipCode: String): void +getCountry(): String +setCountry(country: String): void +getCity(): String +setCity(city: String): void +getState(): String +setState(state: String): void +toString(): String +equals(o: Object): boolean +hashCode(): int -address * {collection="List"} User -id: Long -email: String -firstName: String -lastName: String -password: String -orders: Order[*] {collection="List"} +getId(): Long UserManager +setId(id: Long): void +getEmail(): String +registerNewUser(user: User): Boolean +setEmail(email: String): void +updateUser(user: User): Boolean +getFirstName(): String +deleteUser(user: User): Boolean +setFirstName(firstName: String): void +findUserByMail(email: String): User +getLastName(): String +authenticateUser(user: User, password: String): Boolean +setLastName(lastName: String): void +getPassword(): String +setPassword(password: String): void +getAddress(): Address[*] +setAddress(address: Address[*]): void +getOrders(): Order[*] +setOrders(orders: Order[*]): void +toString(): String +equals(o: Object): boolean +hashCode(): int



Order

-id: Long

-orderedProducts: Ordered_Products[*] {collection="List"}

-billingAddress: Address-shippingAddress: Address

+getId(): Long

+setId(id: Long): void

+getStatus(): OrderStatus

+setStatus(status: OrderStatus): void

+getOrderType(): OrderType

+setOrderType(orderType: OrderType): void +getOrderedProducts(): Ordered Products[*]

+setOrderedProducts(orderedProducts: Ordered Products[*]): void

+getBillingAddress(): Address

+setBillingAddress(billingAddress: Address): void

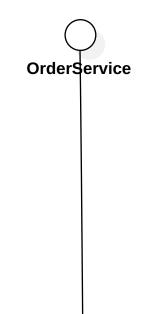
+getShippingAddress(): Address

+setShippingAddress(shippingAddress: Address): void

+toString(): String

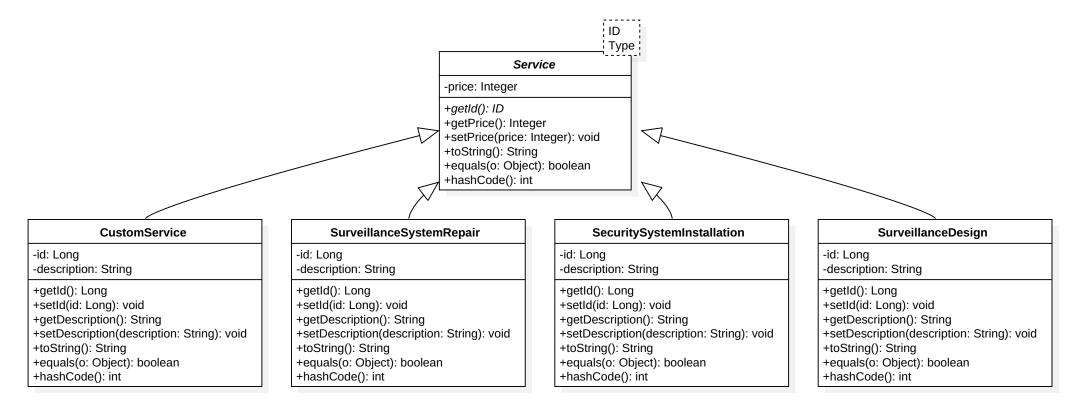
+equals(o: Object): boolean

+hashCode(): int



OrderManager

+createNewOrder(order: Order): Boolean +updateOrder(order: Order): Boolean +deleteOrder(order: Order): Boolean



DuplicateEmailException

+DuplicateEmailException(string: String)