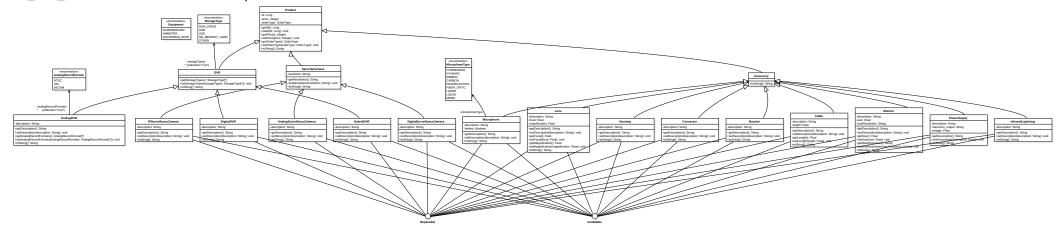
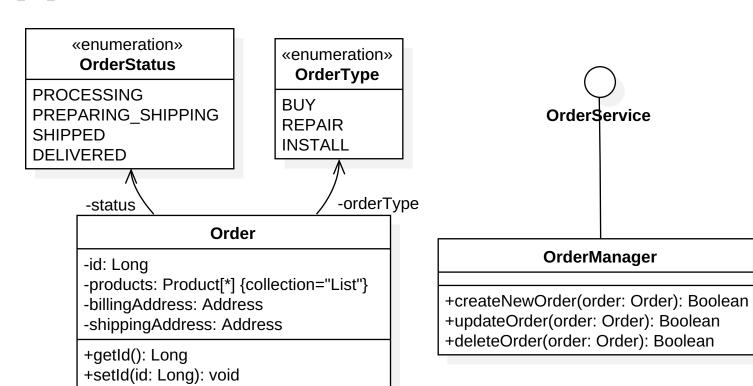
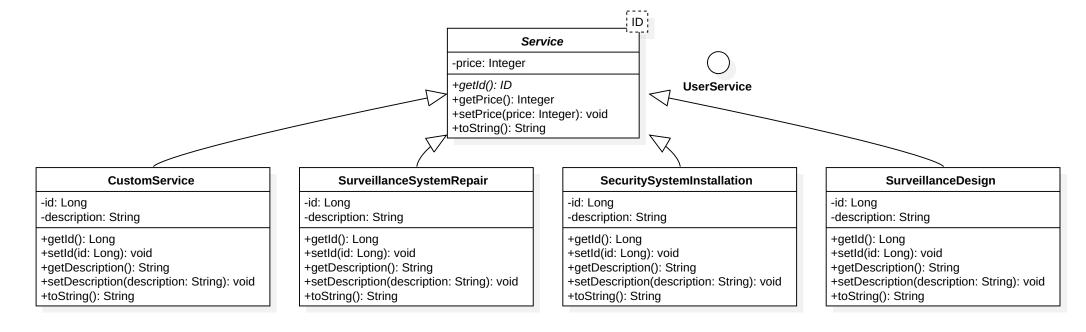
## CS\_445\_PROJECT::iit::cs445::models::products::Overview







BaseEntity

-creationTime: Date

-modificationTime: Date

-version: long

+getId(): ID

+getCreationTime(): Date

+setCreationTime(creationTime: Date): void

+getModificationTime(): Date

+setModificationTime(modificationTime: Date): void

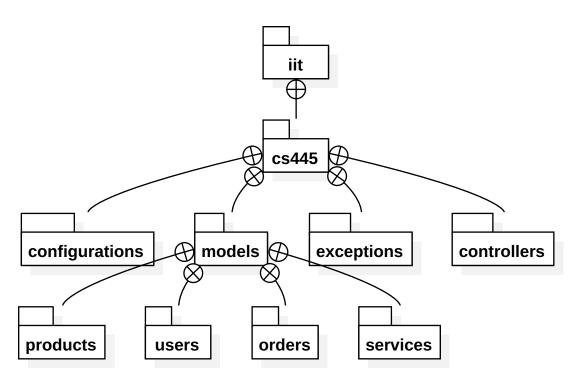
+getVersion(): long

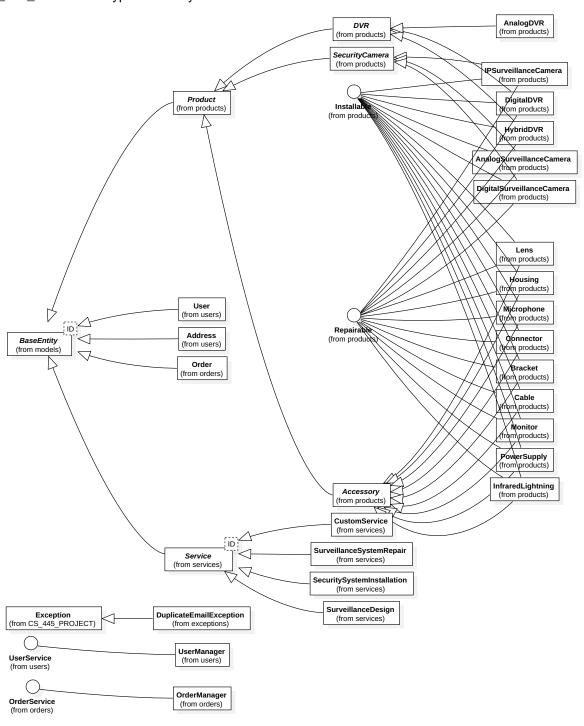
+setVersion(version: long): void

+toString(): String +saveNew(): void +update(): void +delete(): void products users orders services

## **DuplicateEmailException**

+DuplicateEmailException(string: String)





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