UML

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| parent |
| +view ()=0;  + login()=0;  + registration()=0; |

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| --- |
| updatedata |
| +name:string  +lastname:string  +useremail:string  +password:string  +status:string |

|  |
| --- |
| logindata |
| + username: string  +userlastname: string  +useremail: string  + userpassword: string  + retypepassowrd : string  + status: string |

data

|  |
| --- |
| + res: int  + id ,i=0,j,k,l: int  + Option:char  + name:string  + lastname:string  + email:string  + Password:string  + retype\_password:string  + wallet=0: double  + iphone8s=0: double  + iphoneXmax=0: double  + iphone12=0: double  +s8=0: double  + s9=0: double  + s10=0: double  + counter=0:int  + price:int  + item: string  + date: string  +year,month,day:int  + nthamount:int  + ProductQuantity=0:int  + finalres:int  + iphoneQuantity8s = 4 :int  + iphoneQuantityxmax = 4 :int  + iphoneQuantity12 = 4 :int  + samsungQuantitys8 = 4 :int  + samsungQuantitys9 = 4 :int  + samsungQuantitys10 = 4 :int  +store\_name,productname: string |

user

|  |
| --- |
| **Logindata objects**: loginobj,objdata[1000]  **Data objects**: obj1data[1000],obj1  + Cart();  + userlogin();  +userregistration();  + getBill();  + newsotre();  +salesdetail(); |

Admin parent

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| --- |
| **Updatedata object**: upobj[1000];  **Logindata object**: objdata[1000];  **Data object**: obj;  **User object**: userobj;  **Constructors** +admin();  +view();  + view();  + login();  + registration();  + salesdetail();  + useregistrationdetail(); |