1. **Utilisateur**

**import** com.modeliosoft.modelio.javadesigner.annotations.objid;

*@objid ("614b26dd-af6e-4072-90bb-84ff6ede1c7e")*

**public** **class** Utilisateur {

*@objid ("bd8c3252-5a43-465e-9dff-ef72c236a086")*

**protected** **int** id;

*@objid ("79dd1e18-4ec6-426c-98cd-839165d95599")*

**protected** String nom;

*@objid ("14ae90ad-1d5c-422c-937b-7fa00bc0bffb")*

**protected** String prenom;

*@objid ("61530d17-25b6-4b82-9054-7fb98b3e17d6")*

**protected** String login;

*@objid ("0ab65cb9-9c73-45ff-b4e3-954932a54eaa")*

**protected** String password;

*@objid ("899f6d9f-5bd9-4fc4-b66b-b781bdb17915")*

**protected** **char** Type;

*@objid ("308ddca1-c2e7-4dad-a15b-80ff988009a9")*

**int** getId() {

*// Automatically generated method. Please delete this comment before entering specific code.*

**return** **this**.id;

}

*@objid ("212f7d95-d168-45ee-a5dd-2c995c7864db")*

String getNom() {

*// Automatically generated method. Please delete this comment before entering specific code.*

**return** **this**.nom;

}

*@objid ("178092f1-5c6c-444c-bbd1-4855f88d8df1")*

**void** setNom(String value) {

*// Automatically generated method. Please delete this comment before entering specific code.*

**this**.nom = value;

}

*@objid ("48cf0981-b7f8-4e0f-889d-0c8578b1f344")*

String getPrenom() {

*// Automatically generated method. Please delete this comment before entering specific code.*

**return** **this**.prenom;

}

*@objid ("30ef4d06-8cc9-4620-a3d9-618877d0fe37")*

**void** setPrenom(String value) {

*// Automatically generated method. Please delete this comment before entering specific code.*

**this**.prenom = value;

}

*@objid ("a8e73566-a5c2-4788-88a1-0677a2b25804")*

String getLogin() {

*// Automatically generated method. Please delete this comment before entering specific code.*

**return** **this**.login;

}

*@objid ("86584990-9965-444f-8212-8407a4503eca")*

**void** setLogin(String value) {

*// Automatically generated method. Please delete this comment before entering specific code.*

**this**.login = value;

}

*@objid ("c2ad15dc-127b-4aca-872f-d07b82479087")*

String getPassword() {

*// Automatically generated method. Please delete this comment before entering specific code.*

**return** **this**.password;

}

*@objid ("23538fe8-ce1a-40e1-9afe-65d13050da73")*

**void** setPassword(String value) {

*// Automatically generated method. Please delete this comment before entering specific code.*

**this**.password = value;

}

*@objid ("04da6ff5-cdc3-45ef-acfa-a4307117f1b8")*

**char** getType() {

*// Automatically generated method. Please delete this comment before entering specific code.*

**return** **this**.Type;

}

}

1. **Client**

**import** java.util.ArrayList;

**import** java.util.List;

**import** com.modeliosoft.modelio.javadesigner.annotations.objid;

*@objid ("945e84b7-fb57-4f72-bf9d-7ee9668724f2")*

**public** **class** Client **extends** Utilisateur {

*@objid ("80277271-fc9d-41a9-9338-317ca54b2751")*

**public** **boolean** genre;

*@objid ("ced18508-190c-4f9d-9e06-1e2976cd4d27")*

**public** List<Vente> ventes = **new** ArrayList<Vente> ();

*@objid ("e58d4596-3f0e-4901-9538-af4fa30af243")*

**public** **void** modifier\_compte() {

}

*@objid ("6e9df428-74f2-41e9-8e54-4bccf1798e32")*

**public** **void** supprimer\_compte() {

}

*@objid ("4c51ac27-9562-4818-a7bc-dd7d8029585a")*

**public** **void** getGenre() {

}

}

1. **Gérant**

**import** com.modeliosoft.modelio.javadesigner.annotations.objid;

*@objid ("2a411d4b-2340-405c-a747-c8b76f2f8eae")*

**public** **class** Gérant **extends** Employé {

*@objid ("48055f07-9ce0-40c5-a01f-89f4bb8325cd")*

**public** **void** enregistrer\_utilisateur() {

}

*@objid ("f87c4959-3b28-43a8-87a8-f13253aef1a9")*

**public** **void** supprimer\_utilisateur() {

}

*@objid ("0986b12a-41b1-4ad8-b5c8-bfa66ecf8cdc")*

**public** **void** modifier\_utilsateur() {

}

}

1. **Produit**

**import** java.util.Date;

**import** com.modeliosoft.modelio.javadesigner.annotations.objid;

*@objid ("eaec2ee7-e9b4-44f6-9ea4-ba30acce2513")*

**public** **class** Produit {

*@objid ("44d8d3ea-5737-4645-bd50-a5f6b7c91432")*

**private** **int** num;

*@objid ("5cb5cc59-8c42-476e-9272-5bcacba7ca86")*

**private** String nom\_p;

*@objid ("146491f6-42a3-43e4-bb68-7a7bee8c5952")*

**private** **int** qte;

*@objid ("eb288bfd-c0e2-4173-9acf-3b312f4eadb2")*

**private** **int** pu;

*@objid ("076f9512-829d-4a68-8f1a-a1521aec86de")*

**private** Date exp;

*@objid ("b373f933-fda0-4ebd-ad33-770e989a8cb0")*

**private** String dosage;

*@objid ("b990766d-9171-4aea-8ac6-b2e26730ae8a")*

**private** String conditionnement;

*@objid ("e9c538e8-2a24-41e6-8e6a-bceae731aae1")*

**int** getNum() {

*// Automatically generated method. Please delete this comment before entering specific code.*

**return** **this**.num;

}

*@objid ("ec2924ba-5e02-4e4c-bde5-eec4bf823986")*

String getNom\_p() {

*// Automatically generated method. Please delete this comment before entering specific code.*

**return** **this**.nom\_p;

}

*@objid ("cb266323-4784-4956-9b8b-5ab77e1f4e32")*

**void** setNom\_p(String value) {

*// Automatically generated method. Please delete this comment before entering specific code.*

**this**.nom\_p = value;

}

*@objid ("aefb49e4-0dbb-431b-b36b-af215e8cd5d1")*

**int** getQte() {

*// Automatically generated method. Please delete this comment before entering specific code.*

**return** **this**.qte;

}

*@objid ("9a3e5945-e5ce-4311-a605-793fc1232b10")*

**void** setQte(**int** value) {

*// Automatically generated method. Please delete this comment before entering specific code.*

**this**.qte = value;

}

*@objid ("8ff55936-6a2a-4e9b-8eb7-1b06b12ddeb2")*

**int** getPu() {

*// Automatically generated method. Please delete this comment before entering specific code.*

**return** **this**.pu;

}

*@objid ("3c85e804-48ae-4a75-adce-3e4def768259")*

**void** setPu(**int** value) {

*// Automatically generated method. Please delete this comment before entering specific code.*

**this**.pu = value;

}

*@objid ("de1febaa-5a17-4e5c-8d6b-5a137ff6ece6")*

Date getExp() {

*// Automatically generated method. Please delete this comment before entering specific code.*

**return** **this**.exp;

}

*@objid ("c7ef75af-9668-44ad-9347-94033452f569")*

String getDosage() {

*// Automatically generated method. Please delete this comment before entering specific code.*

**return** **this**.dosage;

}

*@objid ("99ffe839-8c8f-45d8-a945-f71f13cbb937")*

**void** setDosage(String value) {

*// Automatically generated method. Please delete this comment before entering specific code.*

**this**.dosage = value;

}

*@objid ("4c2854c7-cb89-4d88-b69a-6a37be0368f4")*

String getConditionnement() {

*// Automatically generated method. Please delete this comment before entering specific code.*

**return** **this**.conditionnement;

}

*@objid ("b395c2d5-bcf0-48cf-a9ad-00842121a0bd")*

**void** setConditionnement(String value) {

*// Automatically generated method. Please delete this comment before entering specific code.*

**this**.conditionnement = value;

}

*@objid ("a67e07d3-b5e4-4f9b-80ad-3bfa6227b260")*

**public** **void** modifier\_produit() {

}

*@objid ("ca80af2d-3b0f-4b46-83bf-580959d588f5")*

**public** **void** supprimer\_produit() {

}

*@objid ("b0d29109-c844-4126-abac-b20b6a755c85")*

**public** **void** enregistrer\_produit() {

}

*@objid ("f906a901-45af-4e82-ad78-148453fecb7c")*

**public** **void** rechercher\_produit() {

}

*@objid ("a53084f0-cc1b-4ce3-825c-514534e0d26d")*

**public** **void** consulter\_produit() {

}

}

1. **Vente**

**import** java.util.ArrayList;

**import** java.util.Date;

**import** java.util.List;

**import** com.modeliosoft.modelio.javadesigner.annotations.objid;

*@objid ("1529310a-019f-4afc-bdc6-5dcec95bd441")*

**public** **class** Vente {

*@objid ("65a5ea38-9d2d-4716-ab02-770df81c85f0")*

**private** **int** id\_v;

*@objid ("7265bf88-7f7c-422e-8cb0-abba47b11495")*

**private** **int** qte\_v;

*@objid ("6df498a5-697c-4724-90d7-b9553f45bd5c")*

**private** **int** pu\_p;

*@objid ("1e2c6bbf-b21c-4849-a642-65843afab2fe")*

**private** **int** total;

*@objid ("9fd86a7f-b3cf-4c21-970c-0d6d60c0e080")*

**private** Date date;

*@objid ("129bdb29-6a23-4ceb-80d6-d9d8603cdcf1")*

**public** List<Produit> produit = **new** ArrayList<Produit> ();

*@objid ("69f7fe58-e673-4939-a117-be9dcd6ca569")*

**int** getId\_v() {

*// Automatically generated method. Please delete this comment before entering specific code.*

**return** **this**.id\_v;

}

*@objid ("66aa783d-1643-43e8-a1da-6a3b1d9c5803")*

**int** getQte\_v() {

*// Automatically generated method. Please delete this comment before entering specific code.*

**return** **this**.qte\_v;

}

*@objid ("98180534-5ced-44e7-94a3-bf592fbfa85d")*

**void** setQte\_v(**int** value) {

*// Automatically generated method. Please delete this comment before entering specific code.*

**this**.qte\_v = value;

}

*@objid ("c205f3c9-37b7-4e95-bf94-11ce20e7a036")*

**int** getPu\_p() {

*// Automatically generated method. Please delete this comment before entering specific code.*

**return** **this**.pu\_p;

}

*@objid ("dfcb2acc-8a3b-4fe6-93ad-089c6fd5113d")*

**void** setPu\_p(**int** value) {

*// Automatically generated method. Please delete this comment before entering specific code.*

**this**.pu\_p = value;

}

*@objid ("66f4b06a-ab26-48c3-a569-e1e17074a93c")*

**int** getTotal() {

*// Automatically generated method. Please delete this comment before entering specific code.*

**return** **this**.total;

}

*@objid ("83781bfc-56b7-4687-aa46-f244b0a651e3")*

**void** setTotal(**int** value) {

*// Automatically generated method. Please delete this comment before entering specific code.*

**this**.total = value;

}

*@objid ("827022a0-5b16-4ae9-9df4-a96e42b5d167")*

Date getDate() {

*// Automatically generated method. Please delete this comment before entering specific code.*

**return** **this**.date;

}

*@objid ("ab19fc5c-6270-4c5e-8e17-2299e3348bc5")*

**public** **void** consulter\_ventes() {

}

*@objid ("7e7b1b8f-7721-4b50-91f2-0578f8d16152")*

**public** **void** annuler\_vente() {

}

}

1. **Paiement**

**import** java.util.ArrayList;

**import** java.util.Date;

**import** java.util.List;

**import** com.modeliosoft.modelio.javadesigner.annotations.objid;

*@objid ("adf2720e-33b3-465a-837b-9a778dab5cf9")*

**public** **class** Paiement {

*@objid ("669364d7-7750-4c0b-8b1c-3c43d6575662")*

**protected** **int** id\_paiement;

*@objid ("3ec75926-8baf-4c48-bd47-3aec9817401d")*

**protected** Date date\_paiement;

*@objid ("736a6f1a-3de2-4a7b-b739-76fb58727366")*

**protected** **long** montant;

*@objid ("2998a638-159d-4ee9-b303-6712c3e60564")*

**protected** String mode\_paiement;

*@objid ("b0aea982-191e-4aa9-b71d-83c4af847a6e")*

**public** List<Vente> vente = **new** ArrayList<Vente> ();

*@objid ("59073997-b543-4b46-93bc-0e0af6e83f82")*

**public** **void** getId() {

}

*@objid ("94ccbf67-10bb-4eb4-a70d-e13b195035f3")*

**public** **void** getDatePaie() {

}

*@objid ("5cf51185-a882-4833-95f5-ac1c2aeec211")*

**public** **void** getMontant() {

}

*@objid ("df0e470a-c6d3-4cca-bfda-553ee653a65e")*

**public** **void** getModePaie() {

}

}