## **日外に400201.215** PP CatalogBuyer OrderBuyer OpenDBException ui: Ui::CatalogBuyer ui: Ui::OrderBuyer «create» OpenDBException (dbName : char) order\_buyer: OrderBuyer product\_articles: set<string> Singleton «create» CatalogBuyer (parent : QWidget = 0) «create» OrderBuyer (parent : QWidget = nullptr) instance (): T «destroy» CatalogBuyer () «destroy» OrderBuyer () «destroy» Singleton () on\_login () load (product\_articles : set < string > ) «create» Singleton (? : Singleton) ExecException auth\_ok (? : User::Role) current\_order (): set<string> operator» = (? : Singleton): Singletor on\_updated () create\_order () «create» ExecException (request : char) remove\_product () on\_add () on\_order () Order **DBFacade** date: string SalesReport # m\_db: QSqlDatabase email: string ui: Ui::SalesReport # m\_query: QSqlQuery product ids: vector<int: «create» SalesReport (parent : QWidget = nullptr) «create» DBFacade (databasename : QString, parent : AuthWidget «destroy» SalesReport () QObject = 0) ui: Ui::AuthWidget + «destroy» DBFacade () + updated () «create» AuthWidget (parent : QWidget = nullptr) CatalogManager # exec (?: QString) «destroy» AuthWidget () # qs (?: QString): QString enter () - ui: Ui::CatalogManager # qs (? : std::string): QString auth\_ok (? : User::Role) users: Users SoltProduct add product: AddProduct realization\_date: string order\_management: OrderManagement report: SalesReport Product OrderManagement + «create» CatalogManager (role : User::Role, parent : QW id: int idget = nullptr) ui: Ui::OrderManagement + «destroy» CatalogManager () article: string on\_user\_management () «create» OrderManagement (parent : QWidget = nullptr) + on\_report () kind: int «destroy» OrderManagement () on\_product\_remove () expiry\_date: string on\_load () ProductDB + on\_product\_add () receipt\_date: string on\_remove () on\_order\_management () on\_sell () + «create» ProductDB (dbFllename : QString = "products + on\_product\_added (product : Product) selected\_orders (): vector<Order> sqlite\*, parent : QObject = 0) on\_updated () + is\_login\_busy (login : QString): bool + add\_user (user : User) CatalogManager users (): vector<User> + remove\_user (login : string) ui: Ui::CatalogManager Users + get\_user (login : QString): User AddProduct users: Users + products (): vector<Product> ui: Ui::Users add\_product: AddProduct ui: Ui::AddProduct add\_product (product : Product) «create» Users (parent : QWidget = nullptr) order\_management: OrderManagement «create» AddProduct (parent : QWidget = nullptr) + product\_by\_article (article : string, product : Product): «destroy» Users () report: SalesReport «destroy» AddProduct () on\_remove () «create» CatalogManager (role : User::Role, parent : QW product (product : Product) + product\_by\_id (id : int, product : Product): bool on\_add () dget = nullptr) on add () remove\_product (article : string) on\_updated () «destroy» CatalogManager () + add\_order (date : string, email : string, products : vector< on\_user\_management () on\_report () + orders (): vector<Order> on\_product\_remove () + remove\_order (date : string, email : string) on\_product\_add () + sell\_order (date : string, email : string) on\_order\_management () + count (from : QString, to : QString): int on\_product\_added (product : Product) + sum (from : QString, to : QString): int on\_updated () createTables () ДУIР.400201.215 PP1 Маштаб Maca Літ. № дакум. Подп. Зм. Ліст «Сістэма заказаў ў інтэрнэт-краме». Капейкіна Разраб. Дыяграма класаў Прав. Богдан Лістоў 1 Т.кантр БДУІР, гр. 250502 Н.кантр Зацв.