

CPS 510 - Assignment 6

Functional Dependencies

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Users(userID, email, phone, password, username, userTypeID)

Users = { {userID} → email, phone, password, username, userTypeID }

User Types(userTypeID, typeName)

User Types = { {userTypeID} → typeName }

User Location(locationID, country, city)

User Location = { {userID} → locationID, country, city }

UnitsLeased(unitID, renterID, rentFrom, rentTo, pricePerUnit, totalPrice)

UnitsLeased = { {unitID, renterID} → rentFrom, rentTo, pricePerUnit, totalPrice }

Grade(gradeID, gradeName)

Grade = { {gradeID} → gradeName }

Units(unitID, grade, lastRented, price, availability)

Units = { {unitID} → grade, lastRented, price, availability }

Products(productID, productName, productLocation, productCategory, ownerID, quantityRented, quantityTotal, pricePerUnit)

Products = { {productID} → productName, productLocation, productCategory, ownerID, quantityRented, quantityTotal, pricePerUnit }

ProductCategory(productCategoryID, productCategoryName)

Product Category = { {productCategoryID} → productCategoryName }