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| **Predicate** | **Format** | **Usage** |
| commercialTennant(). | (TennatID, name(surname, firstname), Email, Phone). | Shows selected or current commercial tenants that have been stored within the system |
| Business(). | (BusinessID, CompanyNo, BusinessName, BusinessType, BusinessEmail, BusinessPhone). | Shows selected or current businesses with leases that have been stored within the system |
| commericalProperty(). | (PropertyID, Type, Address). | Shows selected or current commercial properties that have been stores within the system |
| lease(). | (TennantID, PropertyID, BusinessID, Start, End, Years, Pcm, Deposit). | Shows selected or current lease details that are stored within the system |
| commercialLease(). | (PropertyID, BusinessID, name(X,Y), BusinessName, Phone, Pcm, Deposit, Years, End). | Shows selected or current commercial Lease full details of tenant and agreement that are stored within the system |
| leaseYear(). | (PropertyID). | This predicate calculates the total yearly revenue of a lease agreement on a specific property. |
| leaseTotal(). | (PropertyID). | This predicate calculates the total revenue expected of a lease agreement on a specific property |
| leaseVat(). | (PropertyID). | This predicate calculates the total yearly VAT due on a specific commercial property |
| comBreakDown(). | (PropertyID). | This predicate calculates the total breakdown of repair costs, VAT, loan repayments, revenue and profit of a specific commercial property |
| Tenant(). | (TennantID, name(Surname, Firstname), Email, Phone). | Shows selected or current residential tenants that have been stored within the system |
| property(). | (PropertyID, Type, Address). | Shows selected or current residential properties that have been stored within the system |
| agreement(). | (TennantID, PropertyID, Start, End, Months, Pcm, Deposit). | Shows selected or current residential tenancy agreement details that have been stored within the system |
| tenancyAgreement(). | (name(X,Y), Phone, PropertyID, Pcm, Deposit, Months, End) | Shows selected or current residential tenancy agreement full details of tenant and agreement that are stored within the system |
| totalRent(). | (PropertyID). | This predicate calculates the total yearly revenue of a residential tenancy agreement on a specific property. |
| resBreakDown(). | (PropertyID). | This predicate calculates the total breakdown of repair costs, VAT, loan repayments, revenue and profit of a specific residential property |
| repairDetails(). | (PropertyID, RepairNO, Date, job, Costs). | Shows selected or current repair details that have been stores within the system |
| repairCosts(). | (PropertyID) | This predicate calculates the total repair costs of a specific property |
| loans(). | (PropertyID, Value, Deposit, Loan, Term). | Shows selected or current loan details that have been stores within the system |
| loanRepayment(). | (PropertyID). | This predicate calculates the yearly loan repayment costs and monthly loan repayment costs and shows to the user |
| Properties(). | (Property Type, Requirements). | This predicate shows the requirements to rent a type of property which must be met by the landlord. |
| has\_properties(). | (Property, Requirements). | This predicate is similar to the properties(). Predicate. However this predicate show all the requirements of all properties. |

Product demo - <https://www.youtube.com/watch?v=d3diDwOJRQk&ab_channel=sepehratyabi>