**Noun Technique for getting**

**the domain classes and attributes:**

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| **Noun:** | **Notes:** |
| Airline tickets (class) | We need to store information about airline tickets like time, date, pricing, ext. |
| Rooms (class) | We need to store info about their amenities, price, ext. |
| Cars (class) | we need to store more info about them like model, make and many other |
| user profile (class) | we need to make a profile for every user to store their information and history for recommendations and discounts |
| Flights(class) | We need to store information about them like time of departure and many other |
| Hotels(class) | we need to store information about them like the location, amenities, rating, ext. |
| Car rental company(class) | We need to store info about them |
| Price quotes(attribute) | we need to store the price of every room, flight ticket and car that we offer |
| Trip details(attribute) | The user will give us that information no need to store |
| Detailed preferences(attribute) | We need to store detailed information about every product we have to help the user choose between them |
| Cancelation/ change policies(attribute) | we need to store the policy and make the user agree to it before making a reservation |
| Customer’s personal information(attribute) | We need to store them |
| Name(attribute) | We will store it as an attribute in customer’s personal information |
| Address(attribute) | We will store it as an attribute in customer’s personal information |
| Contact information(attribute) | We will store it as an attribute in customer’s personal information |
| Nationality(attribute) | We will store it as an attribute in customer’s personal information |
| Banck account number(attribute) | We will store it as an attribute in customer’s personal information |
| Authorization for credit worthiness(attribute) | We will store it as an attribute in customer’s personal information after the sales department check it |
| Sales department(Actors) | We know who they are no need to store info about them |
| Credit bureau(Actors) | We know who they are no need to store info about them |
| Official results of credit worthiness check(attribute) | The sales department will receive it from the credit bureau and about the customer’s status and confirm the order no need to store the result |
| Customer order(Class) | we need to store every order made and we need to store the history of orders for every customer |
| Initiator of order(attribute) | already saved before no need twice |
| Order validation(attribute) | The sales dept. validates the order and then updates the status we will store it as an attribute in order |
| Sales’s dept. digital signature(attribute) | It will be on the order application no need to store it |
| Order application(attribute) | we will store it as an attribute in order |
| Discounts(attribute) | We will store it as an attribute in payment |
| Travel packages(class) | we need to store information about travel packages that we offer |
| Trip destination(attribute) | No need to save the user will provide this information |
| Profile history(attribute) | we dont need to save all the customer’s history or orders |
| Payment(class) | we need to save information about every payment that is made for every order |
| Payment conditions(attribute) | we need to store it as an attribute in payment |

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| **class** | **attributes** |
| **Airline ticket** | Price quotes |
| **Cars** | Trip details |
| **Rooms** | Cancelation/ change policies |
| **User profile** | Customer’s personal information |
| **Flights** | Name |
| **Hotel** | Address |
| **Car Rental Company** | Contact information |
| Customer order | Nationality |
| Travel packages | Banck account number |
| Payment | Authorization for credit worthiness( |
|  | Order validation |
|  | Order application |
|  | Discounts |
|  | Payment conditions |
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