DRIVING REGISTRATION SYSTEM

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Classes Involved:

|  |  |  |  |
| --- | --- | --- | --- |
| Class Name | Purpose | Attributes | Operations |
| DrivingLicence | Holds clients driving license info | License type  License number  Dob  Driving Points  Class level  Expiry date  Restrictions |  |
| Client | Applicant applying for any service from the system | ID  Name  Dob  City  Age  Nationality  GovernmentID  AssessmentCount  Email  Address  Phone  Insurance Plan  Applicaition  Vehicles  ClientAccount |  |
| ClientAccount | Store clients driving history, appointments and links with the rest of system | Clientid  Account number  Fines  Balance  Fine History  Points History  Appointments  Registered Vehicles  OnlineAccount |  |
| ClientOnlineAccount | Allow client to access applciations online, view statuses, and history of driving.  Also pay fines and request appointments | Client\_ID  Id\_number  Password  Username  Email  Phone |  |
| Appointment | Appointment for tests, renewals and issues | Appointment\_date  Venue  Type  Requirements  Set\_date |  |
| DrivingAssessments | Knowledge or practical driving tests | AssessmentType  Level  Appointment  Examiner |  |
| Employee (Teller) | Interacts with clients to set up, and receives information from clients and kind of service | Name  Desgination |  |
| Vehicle | Hold information for vehicles registered under the client | Type  Make  Model  VIN  Engine number  InsurancePlan |  |
| InsurancePlan | Type of insurance for a vehicle | Liability  Coverage  Premium  Vehicle  Client  Plate Number  Duration |  |
| Fine | Information about client fines | FineType  Charge  Date  Deducted Points  IssuingOfficer  Location  Description  DueDate  Dispute |  |
| ApplicationReviewer | Person Reviewing clients aplpications and assessments | Name  Title  Application  Post  Client |  |
| Application <interface>  Has child classes of Licence Applications, Insurance Applications | Clients application for new liscence, renewals, ownership transfers, insurance plans, claims |  |  |
| LicenceApplciations |  | LicenceLevel  ClientAccount  Date  Eligibility |  |
| InsuranceApplications |  | Type  Amount  Date  Reason  Location  Parties Involved |  |