



WEBMANA

SCHÉMAS CONCEPTUELS DÉTAILLÉS



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UML – SCHÉMAS CONCEPTUELS

The diagram is a UML Conceptual Schema for a reservation system. It features several entities and their relationships:

- + tarif_reservation**: Attributes: + id_tarif_reservation (INT), + tarif (REAL).
- + Reservation**: Attributes: + id_reservation (INT), + breve_description (VARCHAR(100)), + description_complete (VARCHAR(500)), + etat_confirmation (VARCHAR(50)), + date_heure_debut (DATETIME), + date_heure_update (DATETIME), + date_heure_fin (DATETIME).
- + Lignes**: Attributes: + id_lignes (INT), + nom (VARCHAR(50)), + sigle (VARCHAR(50)), + president (VARCHAR(100)), + reservation_an_hors_amphi (INT), + reservation_amphi (LOGICAL), + reservation_convivialite (LOGICAL).
- + Bordereau**: Attributes: + id_bordereau (INT), + src_bordereau (VARCHAR(300)).
- + motif**: Attributes: + id_motif (INT), + libelle (VARCHAR(50)).
- + Utilisateur**: Attributes: + id (INT), + email (VARCHAR(255)), + mdp (VARCHAR(255)), + role (VARCHAR(50)), + droit_reservation (LOGICAL), + niveau_tarif (INT). It has two subclasses: **+ Admin** (attribute: + id_admin INT) and **+ Tresorier** (attribute: + id_tresorier INT).
- + Adherent**: Attribute: + id_adherent (INT). It has a subclass: **+ Demandeur** (attributes: + id_demandeur INT, + nom VARCHAR(50), + prenom VARCHAR(50), + rue VARCHAR(100), + cp INT, + ville VARCHAR(100), + num_licence INT, + date_naissance DATE).
- + Ligne_Frais**: Attributes: + id_ligne_frais (INT), + date (DATE), + trajet (VARCHAR(100)), + km (REAL), + km_valide (BYTE), + cout_peage (REAL), + peage_valide (BYTE), + peage_justificatif (VARCHAR(200)), + cout_repas (REAL), + repas_valide (INT), + repas_justificatif (VARCHAR(200)), + cout_hebergement (REAL), + hebergement_valide (VARCHAR(50)), + hebergement_justificatif (VARCHAR(50)).
- + Salle**: Attributes: + id_salle (INT), + nom (VARCHAR(50)), + capacite (VARCHAR(50)).
- + Domaine**: Attributes: + id_domaine (INT), + libelle (VARCHAR(50)).

Relationships:

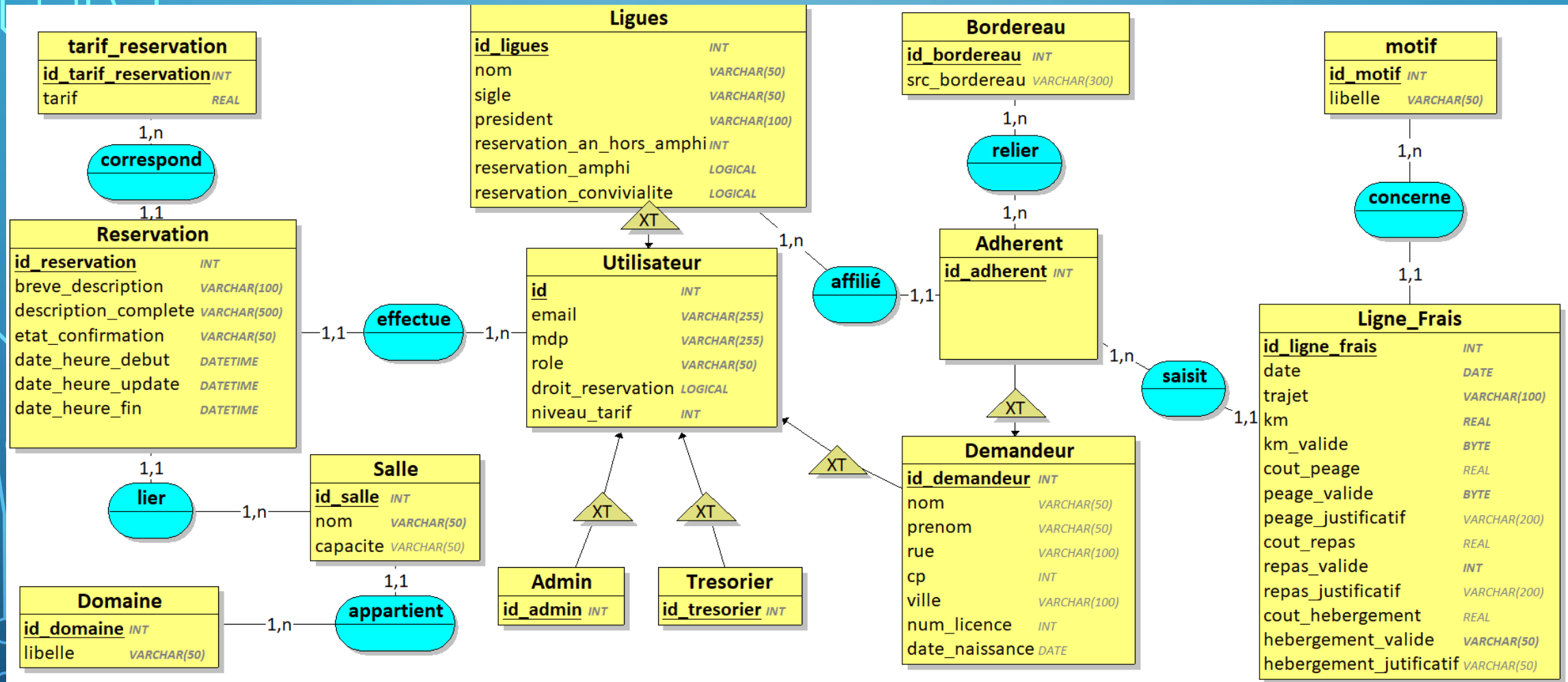
- correspond**: Between **+ tarif_reservation** (1) and **+ Reservation** (1..*).
- effectue**: Between **+ Reservation** (1..*) and **+ Utilisateur** (1).
- lie**: Between **+ Reservation** (1..*) and **+ Salle** (1).
- appartient**: Between **+ Domaine** (1) and **+ Salle** (1..*).
- affilié**: Between **+ Lignes** (1) and **+ Adherent** (1..*).
- relie**: Between **+ Bordereau** (1..*) and **+ Adherent** (1..*).
- concerne**: Between **+ motif** (1) and **+ Ligne_Frais** (1..*).
- saisit**: Between **+ Adherent** (1) and **+ Ligne_Frais** (1..*).

Generalization and Partitioning:

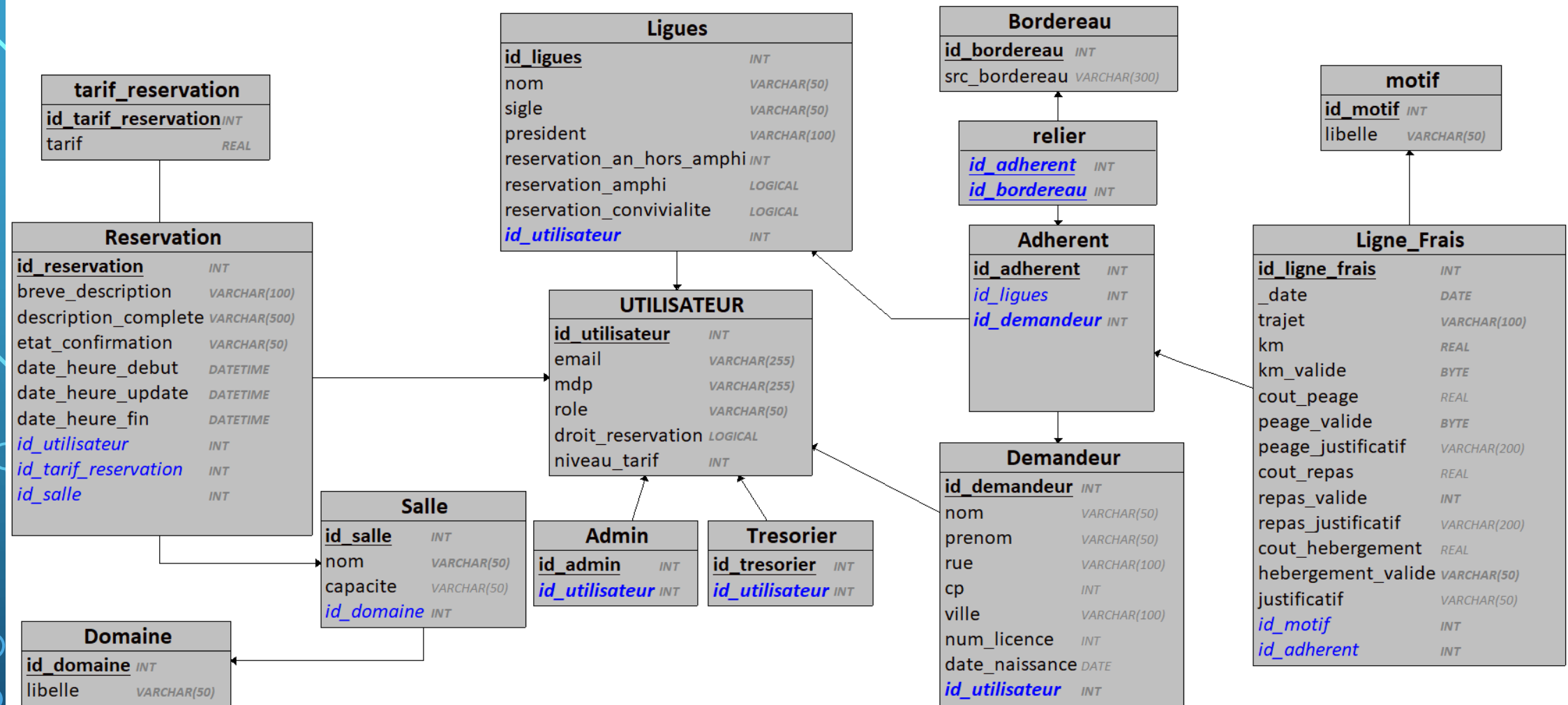
- + Utilisateur** is a generalization of **+ Admin** and **+ Tresorier**.
- + Adherent** is a generalization of **+ Demandeur**.
- Yellow boxes labeled "Partition" indicate that the subclasses (**+ Admin**, **+ Tresorier**, **+ Demandeur**) form a partition of their parent classes (**+ Utilisateur**, **+ Adherent**).



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