

<<Énumération>> UserRole
MERCHANT ADMIN

<<Énumération>> AnnouncementType
SALE DONATION

<<Énumération>> Moderation Status
PENDING_REVIEW APPROVED REJECTED

User
- user_id : int - name : string - email : string - password : string - phone : string - address : string - role : UserRole - verified : boolean - created_at : datetime
+ login(email, password) : boolean + logout() : void + updateProfile(name, phone, address) : void + deleteAccount() : void

Merchant
- donation_count : int
+ createAnnouncement(title: string, description: string, type: AnnouncementType, quantity: float, pickup_time: datetime, expiry_date: date, address: string, images: list<ImageFile>) : Announcement

Admin
+ verifyUser(user_id) : void

Announcement
- announce_id : int - donor_id : int - type : AnnouncementType - food_type : string - quantity : float - description : string - expiry_date : date - creation_date : datetime - moderation_status: ModerationStatus - moderation_score: float
+ PublishAnnonce(): void + ModifierAnnonce(new_title: string, new_description: string) : void + SupprimerAnnonce() : void + ConsulterAnnonce() : Announcement

1..1

creates

0..\*

0..\*

manages

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