@startuml FormulaOneObjectDiagram

!define SPRITESURL https://raw.githubusercontent.com/rabelenda/PlantUML\_Sprites/master/

object Admin {

UserID = 1

Username = "admin"

Email = "admin@example.com"

Password = "hashed\_password"

Age = 35

UserRole = "Admin"

}

object User {

UserID = 2

Username = "user"

Email = "user@example.com"

Password = "hashed\_password"

Age = 28

UserRole = "User"

}

object Driver {

DriverID = 1

Name = "Lewis Hamilton"

DateOfBirth = "1985-01-07"

Description = "F1 World Champion"

ImageURL = "https://example.com/lewis\_hamilton.jpg"

}

object Season {

SeasonID = 1

Year = 2023

IsCurrentSeason = true

NextRace = "Monza, Italy - 2023-09-20 14:00"

}

object Race {

RaceID = 1

SeasonID = 1

Place = "Monza, Italy"

Date = "2023-09-20"

Time = "14:00"

Description = "Italian Grand Prix"

ImageURL = "https://example.com/monza\_gp.jpg"

}

object F1History {

HistoryID = 1

Heading = "History Heading"

Paragraph = "History Paragraph"

}

object Gallery {

ImageID = 1

ImageURL = "https://example.com/gallery\_image.jpg"

Caption = "Gallery Image Caption"

}

object DiscussionMain {

DiscussionID = 1

Topic = "Discussion Topic"

}

object Discussion {

CommentID = 1

DiscussionID = 1

Username = "user"

Comment = "Discussion Comment"

Timestamp = "2023-09-15 15:30"

}

object Ticket {

TicketID = 1

UserID = 2

SeasonID = 1

RaceID = 1

Corner = "Turn 1"

Price = 150.00

Status = "Booked"

}

object TicketBookingHistory {

BookingHistoryID = 1

TicketID = 1

BookingTimestamp = "2023-09-15 14:00"

StatusBeforeBooking = "Available"

StatusAfterBooking = "Booked"

}

object Poll {

PollID = 1

Question = "Favorite Driver?"

Option1 = "Lewis Hamilton"

Option2 = "Max Verstappen"

VotesForOption1 = 100

VotesForOption2 = 90

}

object UserPermission {

PermissionID = 1

UserID = 1

Permission = "AdminAccess"

}

Admin --> User

User --> UserPermission : Has Permission

Driver --> Race : Participates In

Season --> Race : Contains

Race --> F1History : Has History

DiscussionMain --> Discussion : Contains

User --> Discussion : Participates In

User --> Ticket : Books

Ticket --> TicketBookingHistory : Records Booking

Poll --> Option1 : Has

Poll --> Option2 : Has

Admin --> UserPermission

@enduml