This is an Entity-Relationship Diagram (ERD) for a database system.

SystemInfo

	TablesReservationPrice	small money
	DurationTableReservation	float
	Currency	str 25

SystemOperations

PK	ID	int
UQ	OperationName	str 50
	OperationValue	big int

ManagementAppUsers

PK	UserID	int
FK	PersonID	int
	Permissions	big int

People

PK	PersonID	int
	FirstName	str 12
	SecondName	str 12
null	LastName	str 12
	Gender	bit
	Address	str 50
UQ	UserName	str 12
	Password	str 12
	DateOfBirth	date
null	IDNumber	str 25
	Phone1	str 14
null	Phone2	str 14
	PersonImage	str 250

OperationsKeys

PK	KeyID	int
UQ	Key	str 75
	keyPassword	str 12
	KeyPowers	big int
	CreatedKeyDate	date
FK	ByUser	int

AccountingRequests

PK	RequestID	int
FK	ReservationID	int
	Status	small int
	RequestCode	str 15
FK null	ByUser	int

status

0 = طلبات المحاسبة

1 = طلبات للمحاسبة لاحقا
2 = طلبات سيتم محاسبتها لاحقا
3 = طلبات تم محاسبتها

ServicesAppUsers

PK	UserID	int
FK	PersonID	int

ServicesOptions

PK	OptionID	int
UQ	OptionName	str 25
	OptionPrice	money
FK	ServiceID	int
	OptionValue	big int

InstalledServices

PK	ServiceID	int
FK	ReservationID	int
	Services	big int
	ServicesCount	str 25
FK	ServiceAppUserID	int

CafeServices

PK	ServiceID	int
UQ	ServiceName	str 25
null	ServiceDescription	str 75
	ServiceCode	str 14
FK	DepartmentID	int
null	ServiceImage	str 250

TablesReservations

PK	ReservationID	int
FK	TableID	int
UQ	ReservationName	str 25
	ReservationPrice	money
	ReservationDateTime	date time
	ReservationDuration	float
	ReservationStatus	bit

حالة الحجز

0 = حجز منتهي
1 = حجز مستمر

Tables

PK	TableID	int
UQ	TableName	str 12
	TablePassword	str 12
	TableStatus	bit

حالة الطاولة

1 = محجوز
0 = غير محجوز

RequestedServices

PK	ServiceID	int
FK	ReservationID	int
	Services	big int
	ServicesCount	str 25

ServicesDepartments

PK	DepartmentID	int
UQ	DepartmentName	str 25
null	DepartmentImage	str 250