

**Class Diagrams for feature objects and database
simplicity and consistency**

User
+ Email: string
+ Username: string
+ FirstName: string
+ LastName: string
+ Role: string
+ PassDigest: string
+ Salt: string

UserProfile
+ Email: string
+ Username: string
+ FirstName: string
+ LastName: string
+ Role: string

UserAccount
+ Username: string
+ Role: string
+ PassDigest: string
+ Salt: string
+ Attempts: int
+ IsActive: string
+ Timestamp: datetime

DIY Video
+ VideoID: Guid
+ UserID: type
+ field: type

Result
+ IsSccessful: bool
+ Payload: object
+ ErrorMessage: string

Note: UserServiceID is the same
as ServiceRequestID

ServiceRequest
+ ServiceRequestType: string
+ ServiceName: string
+ ServiceType: string
+ ServiceDescription: string
+ ServiceFrequency: string
+ Comments: string
+ StreetAddress: string
+ PropertyManagerName: string
+ PropertyManagerEmail: string

UserService
+ ID: Guid
+ PropertyManagerEmail: string
+ ServiceName: string
+ ServiceType: string
+ ServiceDescription: string
+ ServiceFrequency: string
+ ServiceProviderName: string
+ ServiceProviderEmail: string
+ Status: string
+ SP Rating: int
+ PM Rating: int

Service
+ Name: string
+ Type: string
+ Description: string
+ ServiceProviderName: string
+ ServiceProviderEmail: string
+ Price: float

Note:
ServiceProviderID
will be the same
as there UserID

CrimeAlert
+ AlertID: Guid
+ UserID: Guid
+ location: string
+ type: string
+ description: type