For all class library classes, I have essentially stripped everything except the properties, so that they could be used as entities in Entity Framework DB. These classes are the models for my asp.net mvc app.

Module
Class

▲ Properties
- 🔧 ClassHoursPerWeek : int
- 🔧 Code : string
- 🔧 DaysOfWeek : string
- 🔧 ModuleId : int
- 🔧 Name : string
- 🔧 NumCredits : int
- 🔧 SelfStudyHoursPerWeek : double
- 🔧 Semester : Semester
- 🔧 StudyHours : ICollection<StudyHours>

Semester
Class

▲ Properties
- 🔧 EndDate : DateTime
- 🔧 Modules : ICollection<Module>
- 🔧 NumWeeks : int
- 🔧 SemesterId : int
- 🔧 SemesterName : string
- 🔧 StartDate : DateTime
- 🔧 Student : Student

■ = Changed

Student
Class

▲ Properties
- 🔧 Name : string
- 🔧 Password : string
- 🔧 Semesters : ICollection<Semester>
- 🔧 StudentId : string

▲ Methods
- 📦 Hash() : string

StudyHours
Class

▲ Properties
- 🔧 Date : DateTime
- 🔧 Module : Module
- 🔧 RemainingStudyHours : double
- 🔧 StudyHoursId : int
- 🔧 Week : int

StudyHoursController
Class
→ Controller

Fields
- 🔒 _db
- ⬡ CurrentModule

Methods
- ⬡ Index
- ⬡ StudyHoursController
- ⬡ Update

ModuleController
Class
→ Controller

Fields
- 🔒 _db
- ⬡ CurrentSemester

Methods
- ⬡ Create (+ 1 overload)
- ⬡ Delete
- ⬡ DeleteConfirmed
- ⬡ Edit (+ 1 overload)
- ⬡ Index
- ⬡ ModuleController
- 🔒 ModuleExists
- ⬡ Select

SemesterController
Class
→ Controller

Fields
- 🔒 _db
- ⬡ LoggedInStudent

Methods
- ⬡ Create (+ 1 overload)
- ⬡ Delete
- ⬡ DeleteConfirmed
- ⬡ Edit (+ 1 overload)
- ⬡ Index
- ⬡ LogOut
- ⬡ Select
- ⬡ SemesterController
- 🔒 SemesterExists

HomeController
Class
→ Controller

Fields
- 🔒 _db

Methods
- ⬡ Error
- ⬡ HomeController
- ⬡ Index
- ⬡ InsertStudent
- ⬡ Login
- ⬡ Register

SemesterViewModel
Class

Properties
- 🔧 NumWeeks
- 🔧 SemesterName
- 🔧 StartDate

ModuleViewModel
Class

Properties
- 🔧 ClassHoursPerWeek
- 🔧 Code
- 🔧 Name
- 🔧 NumCredits
- 🔧 WeekDays

initial
Class
→ Migration

Methods
- 🔒 BuildTargetMo…
- 🔒 Down
- 🔒 Up

SigninViewModel
Class

Properties
- 🔧 Password
- 🔧 StudentId

ErrorViewModel
Class

Properties
- 🔧 RequestId
- 🔧 ShowRequestId

TimeManagementDbContext
Class
→ DbContext

Properties
- 🔧 Modules
- 🔧 Semesters
- 🔧 Students
- 🔧 StudyHours

Methods
- ⬡ TimeManagementDbContext

TimeManagementDbContextModelSnapshot
Class
→ ModelSnapshot

Methods
- 🔒 BuildModel