



IModuleSemesterWeekService

- + CreatemModuleSemesterWeek(moduleCode,semesterWeek):void
- + GetModuleSemesterWeek(moduleCode, weekNumber):SemesterWeek
- + UpdateSelfStudyHoursOfModuleSemesterWeek(moduleCode, weekNumber,remainingHoursLeft): bool

ModuleSemesterWeekService

- semester : Semester
- + ModuleSemesterWeekService(semester)
- + CreateModuleSemesterWeek(moduleCode,SemesterWeek):void
- + GetModuleSemesterWeek(moduleCode,WeekNumber): SemesterWeek
- + UpdateSelfStudyHoursOfModuleSemesterWeek(moduleCode, weekNumber,remainingHoursLeft): bool

ServiceManager <

SemesterViewModel

- + ServiceManager : IServiceManager
- + CreateSemesterCommand: ICommand
- + SemesterViewModel(IServiceManager)

ModuleViewModel

- + ServiceManager : IServiceManager
- + AddModuleCommand: ICommand
- + ModuleViewModel(IServiceManager)

ModuleSemesterWeekListingViewModel

+ ServiceManager : IServiceManager

+ SelectedWeek: int

+ ModuleSemesterWeekListingViewModel(IServiceManager)

StudySessionViewModel

+ ServiceManager : IServiceManager

+ SelectedWeek: int

ModuleSemesterWeekListingItemViewModel

-moduleSemesterWeek: ModuleSemesterWeek

+ WeekNumber : int+ StartDate : DateOnly+ EndDate : DateOnly

+RemainingSelfStudyHours: int

+ ModuleSemesterWeekListingItemViewModel(ModuleSemesterWeek)

MainWindowViewModel

+ SemesterViewModel : SemesterViewModel

+ ModuleViewModel : ModuleViewModel

+ ModuleSemesterWeekViewModel : ModuleSemesterWeekViewModel

+ StudySessionViewModel

+ MainWindowViewModel(IServiceManager)