C# .NET Task project (Project 1-I)

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TaskList

-Tasks: List<Task>

+ResetSelected()
+Serialize()
+DeSerialize()

Task

-DueDate: DateTime
-Status: Boolean
-Project: Object (Project)
-Selected: Boolean

+Done()
+Archive()
+HighLight()

FileIO

-FileName: string
-FileContent: string

+FileRead()
+FileWrite()

ListOfItems

-ScreenRow
-ScreenCol
-Header: string
-Footer: string

+Print
+Sort

ProjectList

-Projects: List<Project>

+Serialize()
+DeSerialize()

Project

-Tasks: List<Task>

Item

-ID: int
-Title: string
-Selected: Boolean

+Print()
+Delete()
+Edit()

ConsoleIO

-CurRow: int
-CurCol: int
-CurErrRow: int
-CurErrCol:int
-ForgroundColor: ConsoleColor
-BackgroundColor: ConsoleColor

+PrintError()
+ClearError()
+SetColor()
+ResetColor()

Error

-Row: int
-Col: int
-Length: int
-ForegroundColor: ConsoleColor
-BackgroundColor: ConsoleColor
-message: string

+Dispay()
+Clear()

Menu

+MenuItems: List<MenuItem>
+Prompt: String

+Clear()
+Input()
+Prompt()

MenuItem

-Number
-Choises: string
-CurInputRow: int
-CurInputCol: int
-Input: string

+SaveCursor()
+RestoreCursor()
+Input()
+Clear()
+Action()

1..*   1..*
1..*
1..*   1..*
1..*   1..*
0..*   0..*