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| **Steps to run** | * Extract the zip folder **HarborConrolApp.zip** * Open Folder HarborConrolApp * Click **HarborControlApp.sln** * Go to **HarborControl.DataLayer\Scripts** project Either run “CreateDatabaseScript.sql” to create Database from scratch or restore using HabourControlDB.bak file) * Once executed or restored the database, Update server names, I have mine in localhost SQLEXPRESS * Go to HarborConrolApp in Program.cs and change the serverName * Go to HarborControl.SchedulerService in SchedulerService.cs and change the serverName * Go to HarborControl.UnitTest in UnitTest.cs and change the serverName |

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| App folder and projects | * **HarborConrolApp** (Console App) This is the start up project   1. Helpers folders contain all function for system - Boat, Perimeter, PerimeterBoat and Weather Utils * **HarborConrol.SchedulerService** (Windows Service)   1. This can be installed and run separately to check and allow boat to enter the perimeter * **HarborControl.DataLayer** (Contains Database scripts to create Database from scratch or restore using HabourControlDB.bak file) * **HaborControl.Repository** (EF layer that connects to the Database)   1. Entities that match database table   2. Repository for all Entities   3. Generic Repository and Database context   **HarborControl.UnitTest** (Testing all the utils methods in the app) |
| Technology | * .Net 4.8 * C# * EF   SQL 15.0.2000.5 |