

# WeeControl

Please follow the following steps when adding new feature.

## **1. Run whole project unit tests and ensure all passes.**

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## **2. In project "Common.BoundedContext" navigate to the required context or create new context.**

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**To create new context, you will need to create the following folders:**

1. BaseObjects (optional abstracted classes contains common properties between DTOs and DBOs).
2. DataTransferObjects (inherent from BaseObjects).
3. Operations (interfaces for common transactions between frontend and backend and ApiRouteLink).

## **3. Create checklist of each operation in "Common.BoundedContext.Context.Operations.".**

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## **4. In project "Backend.WebApi" create the necessary controller and with all data.**

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**a. Ensure that frontend and backend agrees about data types in controller using swagger.**

**b. Create the necessary unit tests in "Backend.WebApi.Test.Functional" against bad data and from**

security POV.

c. Ensure that all unit tests pass.

**5. In project "backend.Application" create the necessary commands and queries in corresponding BoundedContext folder.**

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**6. Create necessary units tests in "Backend.Application.Test".**

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a) Tests must ensure that business logic is satisfied and acceptable on each command and query.

b) Now all unit tests must fail.

**7. Create Necessary domain objects in project "Backend.Domain".**

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**8. Create Necessary persistence classes in project "Backend.Persistence".**

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**9. Implement commands and queries handlers in project "Backend.Application".**

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**10. Ensure that all units tests in project "Backend.Application.Test" pass.**

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**11. Run whole project unit tests and ensure that all passes.**

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## 12. Commit.

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