

# Programming Applications with Databases

## Exercise Set 11

1. Introduce at least 3 business validation rules using built-in validators and implement them in the domain model using the library FluentValidation (or analogous in the other technology).  
[2p]
2. Introduce at least 2 business custom validation rules using self-validation mechanism and implement them in the domain model using the library FluentValidation (or analogous in the other technology).  
[2p]
3. Ensure that at least 3 business validation rules (select ones which make sense) are also implemented in the UI using the vendor's approach for validation. Please ensure the logic is consistent between those implementations.  
[2p]
4. As a support for CQRS and efficient data querying, introduce an appropriate read-only model with the respective objects and implement appropriate read-only repositories to support the newly introduced model.  
[3p]
5. Adjust other layers of the application to leverage the read-only model.  
[1p]

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