

I4SWD - Hand-in 2

Gruppe 17

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MVVM model

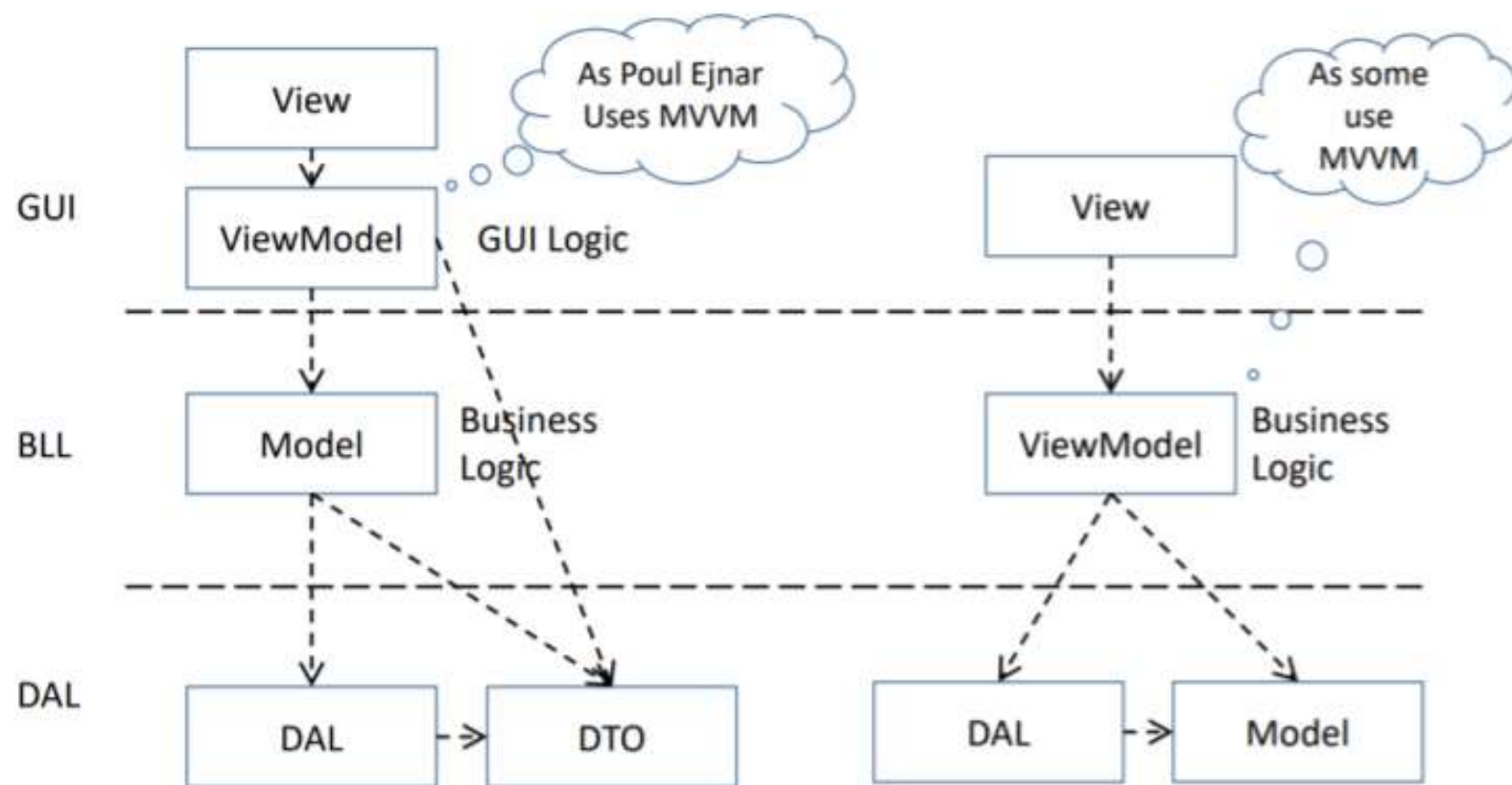


Figure 2: Kilde: Slides fra undervisningen¹

Wireframse



Figure 5: Wireframes for det implementerede system.

View - frames



A screenshot of a web form for account creation. The form is set against a light gray background with a subtle checkerboard pattern. It includes three input fields for 'Brugernavn:', 'E-mail', and 'Adgangskode'. The 'Brugernavn:' and 'E-mail' fields are preceded by green labels, while the 'Adgangskode' field is preceded by a green label. To the left of the input fields is a brown button labeled 'Afbryd'. To the right is a brown button labeled 'Opret Konto'.

Afbryd	Brugernavn:	<input type="text"/>	Opret Konto
	E-mail	<input type="text"/>	
	Adgangskode	<input type="password"/>	

Views

```
<Button Padding="-10" Grid.Column="3" Grid.Row="2" MaxHeight="75" MaxWidth="150"  
        FontSize="24" Margin="4.6,5,5,4.6" x:Name="opretKonto"  
        Command="{Binding CreateUserCommand}"  
        CommandParameter="{Binding ElementName=passwordOpret}">Opret Konto</Button>
```

Viewmodel

```
public ICommand OpretKontoPressedCommand =>
    _OpretKontoPressedCommand ?? (_OpretKontoPressedCommand = new RelayCommand(
        () =>
        {
            ViewBind = "Opret";
        }, () => true));
```

Viewmodel

0 references | nicho1991, 20 hours ago | 2 authors, 3 changes

```
public ICommand CreateUserCommand =>
    _createUserCommand ?? (_createUserCommand = new RelayCommand<object>((Param) =>
    {
        Password = ((PasswordBox) Param).Password;
        CreateUser_Execute(Param);

    }, CreateUser_CanExecute
    ));
```

1 reference | nicho1991, 20 hours ago | 1 author, 1 change

```
private bool CreateUser_CanExecute(object Param)
{
    if (Param == null)
    {
        return false;
    }
    Password = ((PasswordBox)Param).Password;
    return (Username != null && Password.Length > 0 && Email != null);
}
```


Model

```
public class User : IUser
{
    4 references | jonasna, 2 days ago | 1 author, 1 change
    public string Username { get; set; }
    4 references | jonasna, 2 days ago | 1 author, 1 change
    public string Password { get; set; }
    2 references | jonasna, 2 days ago | 1 author, 1 change
    public string Email { get; set; }
    private readonly List<IGame> _AktiveSpilliste = new List<IGame>();

    2 references | Malthé, 1 day ago | 1 author, 1 change
    public IReadOnlyCollection<IGame> AktiveSpilliste => _AktiveSpilliste;

    2 references | Malthé, 1 day ago | 1 author, 1 change
    public void AddAktivtSpil(IGame game)
    {
        if (!_AktiveSpilliste.Contains(game))
            _AktiveSpilliste.Add(game);
    }

    1 reference | Malthé, 1 day ago | 1 author, 1 change
    public void removeAktivtSpil(IGame game)
    {
        if (_AktiveSpilliste.Contains(game))
            _AktiveSpilliste.Remove(game);
    }

    2 references | Katborg, 45 minutes ago | 2 authors, 2 changes
    public ILobby CreateLobby()
    {
        var lobby = new Lobby();
        lobby.AddUser(this);
        LobbyList.Add(lobby);
        return lobby;
    }
}
```