



Locatile

EXPEDIENT, FAST, AND FUN FOR THE WHOLE FAMILY!



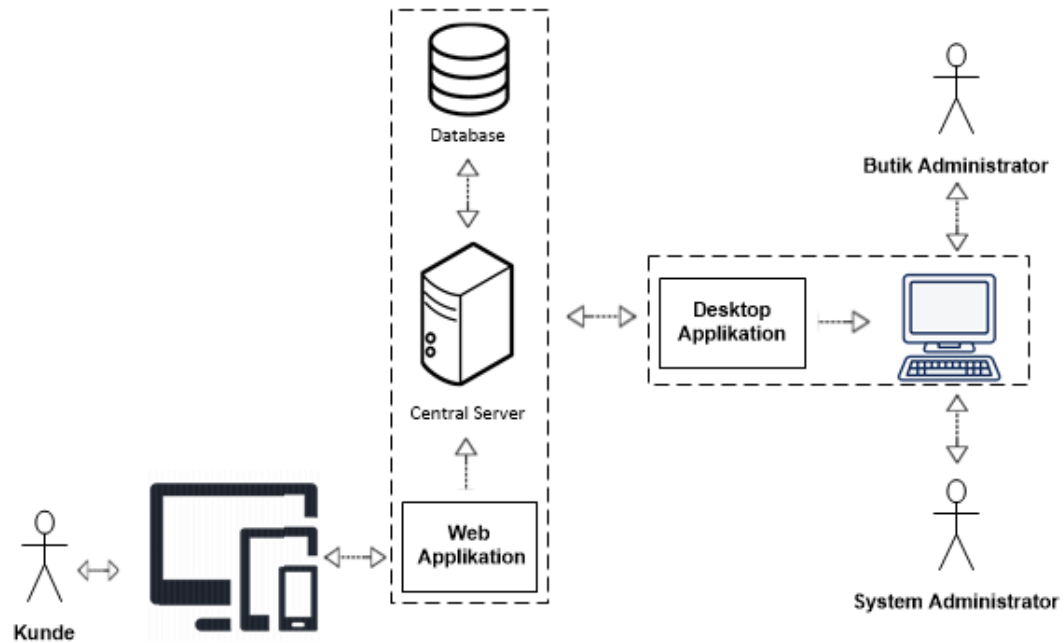
WHAT IS LOCATILES?

- A customer in a store should be able to locate items easily.
- Locatiles provides a solution to this problem!



WHAT IS LOCATILES?

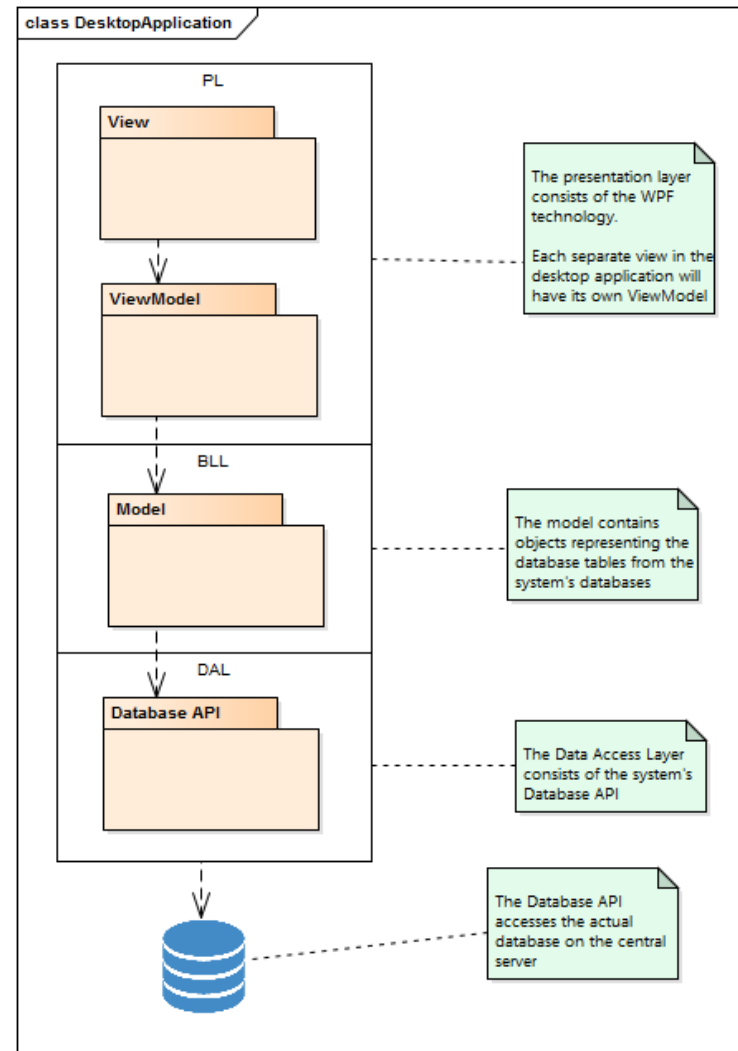
- Web App
- Administrative Desktop Application
- Database



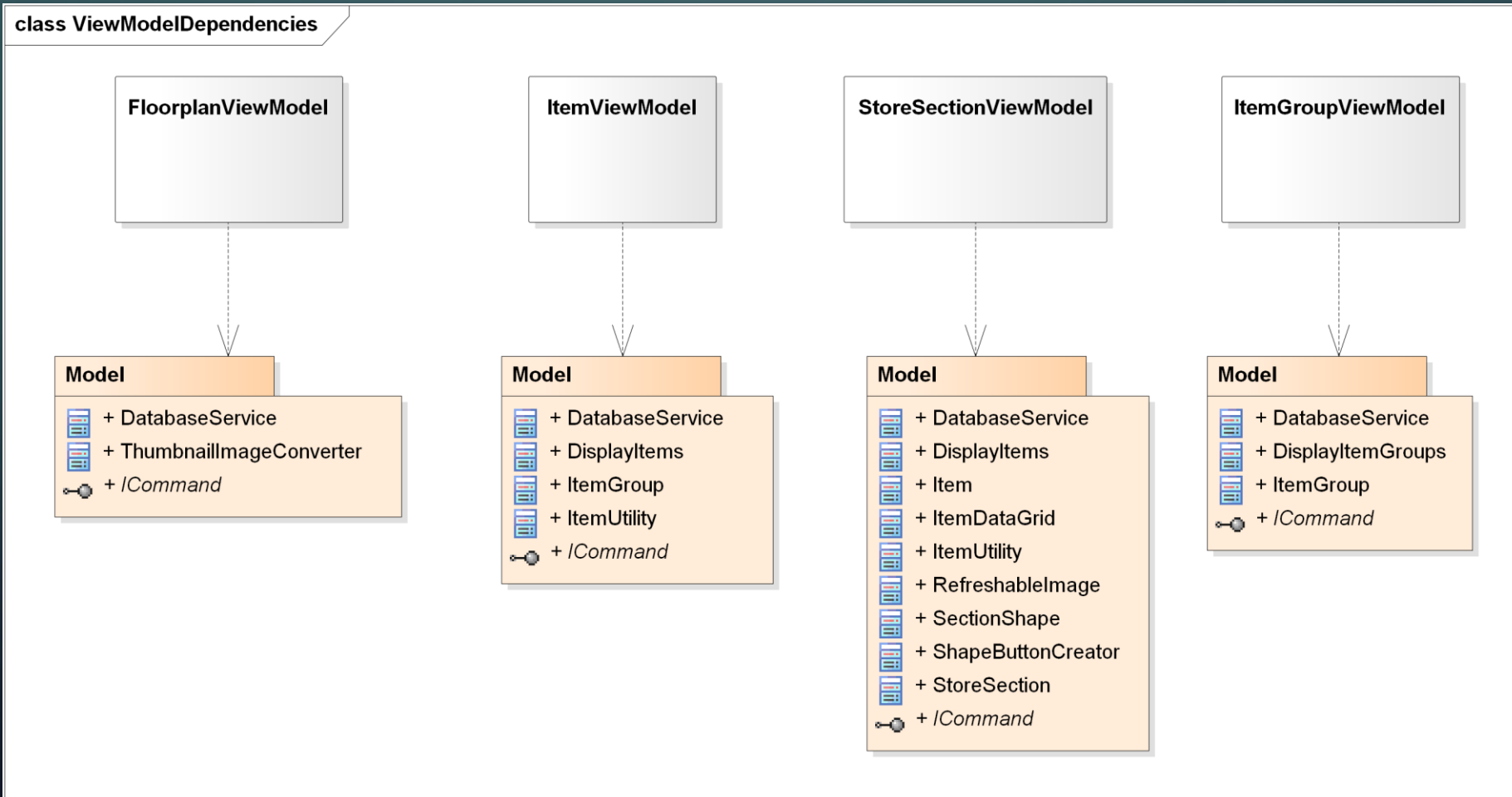
DEMONSTRATION



MVVM



VIEWMODELS



BINDINGS

Administrer Sektioner

ID	VareNavn	VareGruppeID	VareGruppeNavn
219	Brontosaurus XL steak	791	Kød
220	Frontera	801	Vin
221	Møllehjul	792	Frost
222	Butterdejsplader	792	Frost
223	Miniflutes	792	Frost
224	Granataebler	799	Frugt og grønt
225	Danske Blomkål	799	Frugt og grønt
226	Anne Larsen bageartikler	794	Nonfood
227	Fynbo bagefast marmelade	806	Kolonial

Søg

V

ItemID	Name	ItemGroupID
256	Herkules brød	803
227	Kohberg Boller	803

Fjern vare fra sektion

Valgt sektion:

Brød

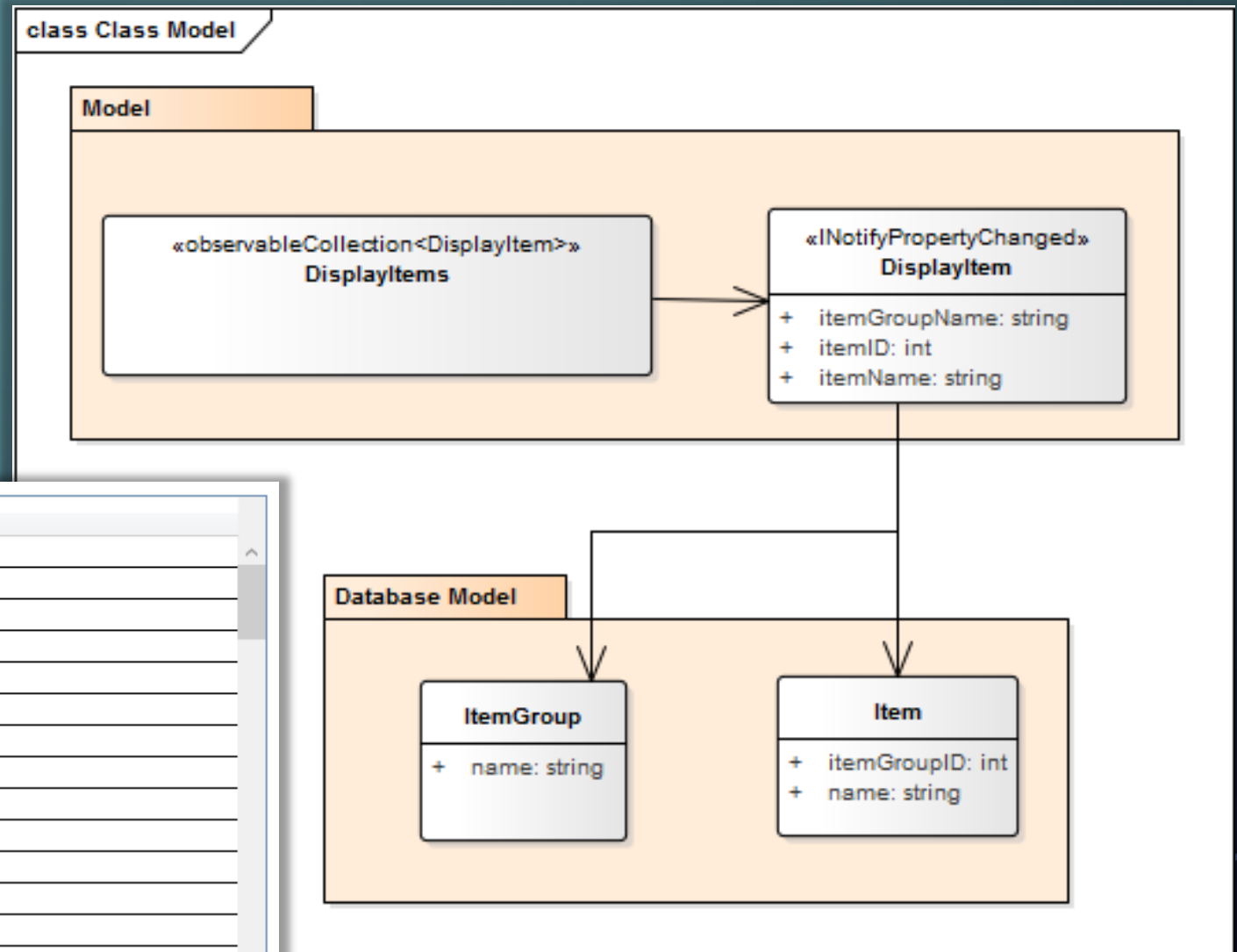
StoreSectionViewModel

- + DeleteStoreSectionCommand: ICommand
- + EditStoreSectionCommand: ICommand
- + AddItemToSectionCommand: ICommand
- + RemoveItemFromSectionCommand: ICommand
- + SearchItemsCommand: ICommand
- + SelectCurrentStoreSection: ICommand
- + WindowLoadedCommand: ICommand
- + NewSectionName: string
- + PreviousSectionName: string
- + ListOfItems: DisplayItems
- + SelectedSectionItem: Item
- + ShapeCollection: ObservableCollection<SectionShape>
- + SearchString: string
- + SelectedItemsList: IList
- + ItemsInSectionList: List<Item>
- + SelectedStoreSectionName: string
- + FloorplanImage: ImageBrush
- _selectedStoreSection: long
- _db: DatabaseService
- _floorplanID: long
- _storeSectionList: List<StoreSection>

- + StoreSectionViewModel(Window)
- + CreateStoreSection(object, MouseButtonEventArgs)
- windowLoadedHandler()
- selectCurrentStoreSectionHandler(SectionShape)
- deleteStoreSectionHandler()
- editStoreSectionHandler()
- searchItemsHandler()
- addItemToSectionHandler()
- removeItemFromSectionHandler()

DIFFICULTIES

ID	VareNavn	VareGruppeID	VareGruppeNavn	
219	Brontosaurus XL steak	791	Kød	
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226	Anne Larsen bageartikler	794	Nonfood	
227	Fynbo bagefast marmelade	806	Kolonial	
228	Jakobsens honning	806	Kolonial	
229	Carletti kæmpeplader	797	Konfektur	
230	Dr Oetker kagecreme	797	Konfektur	
231	Dr Oetker KageMousse	797	Konfektur	
232	Muffinforme	794	Nonfood	
233	Bageindlæg	794	Nonfood	
234	Super mandler	799	Frugt og grønt	



DIFFICULTIES



```
<Canvas x:Name="canvas" Background="{Binding FloorplanImage, UpdateSourceTrigger=PropertyChanged}">
  <i:Interaction.Triggers>
    <i:EventTrigger EventName="MouseDown">
      <core:CallMethodAction TargetObject="{Binding}" MethodName="CreateStoreSection"></core:CallMethodAction>
    </i:EventTrigger>
  </i:Interaction.Triggers>
</Canvas>
```

BENEFITS



- Great separation in workflow
 - One can work on viewmodel logic while another works on UI
- Great separation between windows
 - You can delegate entire windows to group members
- Testability
 - Integration tests

