Namespace MauiApp1

Classes

App

AppShell

Constants

MauiProgram

SensorDatabase

Handles SQLite database connection

Class App

Namespace: MauiApp1

Assembly: MauiApp1.dll

```
[XamlFilePath("App.xaml")]
public class App : Application, INotifyPropertyChanged, IElementController,
IEffectControlProvider, IToolTipElement, IContextFlyoutElement, IApplicationController,
IElementConfiguration<Application>, IVisualTreeElement, IApplication, IElement
```

Inheritance

object ← BindableObject ← Element ← Application ← App

Implements

INotifyPropertyChanged, IElementController, IEffectControlProvider, IToolTipElement, IContextFlyoutElement, IApplicationController, IElementConfiguration<Application>, IVisualTreeElement, IApplication, IElement

Inherited Members

Application.ControlsApplicationMapper , Application.Quit() , Application.On<T>() , Application.OnAppLinkRequestReceived(Uri) , Application.OnParentSet() , Application.OnResume() , Application.OnSleep() , Application.OnStart() , Application.CleanUp() , Application.OpenWindow(Window) , Application.CloseWindow(Window) , Application.CreateWindow(IActivationState) , Application.AppLinks , Application.Current , Application.MainPage , Application.Resources , Application.UserAppTheme , Application.PlatformAppTheme , Application.RequestedTheme , Application.AccentColor , Application.Windows , Application.RequestedThemeChanged , Application.ModalPopped , Application.ModalPopping , Application.ModalPushed , Application.ModalPushing , Application.PageAppearing , Application.PageDisappearing , Element.AutomationIdProperty , Element.ClassIdProperty , Element.ControlsElementMapper , Element.InsertLogicalChild(int, Element) , Element.AddLogicalChild(Element) , Element.RemoveLogicalChild(Element) , Element.ClearLogicalChildren() , Element.FindByName(string) , Element.RemoveDynamicResource(BindableProperty) , Element.SetDynamicResource(BindableProperty, string) , Element.OnBindingContextChanged() , Element.OnChildAdded(Element) , Element.OnChildRemoved(Element, int) , Element.OnPropertyChanged(string) , Element.OnParentChanging(ParentChangingEventArgs) , Element.OnParentChanged() , Element.OnHandlerChanging(HandlerChangingEventArgs) , Element.OnHandlerChanged() , Element.MapAutomationPropertiesIsInAccessibleTree(IElementHandler, Element) , Element.MapAutomationPropertiesExcludedWithChildren(IElementHandler, Element) ,

Element.AutomationId , Element.ClassId , Element.Effects , Element.Id , Element.StyleId , Element.Parent , Element.Handler , Element.ChildAdded , Element.ChildRemoved , Element.DescendantAdded , Element.DescendantRemoved , Element.ParentChanging , Element.ParentChanged , Element.HandlerChanging , Element.HandlerChanged , BindableObject.BindingContextProperty , BindableObject.ClearValue(BindableProperty) , BindableObject.ClearValue(BindablePropertyKey) , BindableObject.GetValue(BindableProperty) , BindableObject.IsSet(BindableProperty) , BindableObject.RemoveBinding(BindableProperty) , BindableObject.SetBinding(BindableProperty, BindingBase) , BindableObject.ApplyBindings() , BindableObject.OnPropertyChanging(string) , BindableObject.UnapplyBindings() , BindableObject.SetValue(BindableProperty, object) , BindableObject.SetValue(BindablePropertyKey, object) , BindableObject.CoerceValue(BindableProperty) , BindableObject.CoerceValue(BindablePropertyKey) , BindableObject.Dispatcher , BindableObject.BindingContext , BindableObject.PropertyChanged , BindableObject.PropertyChanging , BindableObject.BindingContextChanged , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

App(SensorDatabase)

```
public App(SensorDatabase sensorDatabase)
```

Parameters

`sensorDatabase` SensorDatabase

Class AppShell

Namespace: MauiApp1

Assembly: MauiApp1.dll

```
[XamlFilePath("AppShell.xaml")]
public class AppShell : Shell, INotifyPropertyChanged, IVisualTreeElement,
IEffectControlProvider, IToolTipElement, IContextFlyoutElement, IAnimatable, ILayout,
IElementConfiguration<Page>, ISafeAreaView, ITitledElement, IToolbarElement,
IShellController, IPageController, IVisualElementController, IElementController,
IPageContainer<Page>, IFlyoutView, IView, IElement, ITransform
```

Inheritance

object ← BindableObject ← Element ← NavigableElement ← VisualElement ← Page ← Shell ← AppShell

Implements

INotifyPropertyChanged, IVisualTreeElement, IEffectControlProvider, IToolTipElement, IContextFlyoutElement, IAnimatable, ILayout, IElementConfiguration<Page>, ISafeAreaView, ITitledElement, IToolbarElement, IShellController, IPageController, IVisualElementController, IElementController, IPageContainer<Page>, IFlyoutView, IView, IElement, ITransform

Inherited Members

Shell.BackButtonBehaviorProperty , Shell.PresentationModeProperty , Shell.FlyoutBehaviorProperty , Shell.NavBarIsVisibleProperty , Shell.NavBarHasShadowProperty , Shell.SearchHandlerProperty , Shell.FlyoutItemIsVisibleProperty , Shell.TabBarIsVisibleProperty , Shell.TitleViewProperty , Shell.MenuItemTemplateProperty , Shell.ItemTemplateProperty , Shell.BackgroundColorProperty , Shell.DisabledColorProperty , Shell.ForegroundColorProperty , Shell.TabBarBackgroundColorProperty , Shell.TabBarDisabledColorProperty , Shell.TabBarForegroundColorProperty , Shell.TabBarTitleColorProperty , Shell.TabBarUnselectedColorProperty , Shell.TitleColorProperty , Shell.UnselectedColorProperty , Shell.FlyoutBackdropProperty , Shell.FlyoutWidthProperty , Shell.FlyoutHeightProperty , Shell.CurrentItemProperty , Shell.CurrentStateProperty , Shell.FlyoutBackgroundImageProperty , Shell.FlyoutBackgroundImageAspectProperty , Shell.FlyoutBackgroundColorProperty , Shell.FlyoutBackgroundProperty , Shell.FlyoutHeaderBehaviorProperty , Shell.FlyoutHeaderProperty , Shell.FlyoutFooterProperty , Shell.FlyoutHeaderTemplateProperty , Shell.FlyoutFooterTemplateProperty , Shell.FlyoutIsPresentedProperty , Shell.ItemsProperty , Shell.FlyoutIconProperty , Shell.FlyoutVerticalScrollModeProperty , Shell.FlyoutContentProperty , Shell.FlyoutContentTemplateProperty , Shell.GetFlyoutItemIsVisible(BindableObject) , Shell.SetFlyoutItemIsVisible(BindableObject, bool) , Shell.GetMenuItemTemplate(BindableObject) ,

Shell.SetMenuItemTemplate(BindableObject, DataTemplate) ,
Shell.GetItemTemplate(BindableObject) , Shell.SetItemTemplate(BindableObject, DataTemplate) ,
Shell.GetBackButtonBehavior(BindableObject) ,
Shell.SetBackButtonBehavior(BindableObject, BackButtonBehavior) ,
Shell.GetPresentationMode(BindableObject) ,
Shell.SetPresentationMode(BindableObject, PresentationMode) ,
Shell.GetFlyoutBehavior(BindableObject) , Shell.SetFlyoutBehavior(BindableObject, FlyoutBehavior) ,
Shell.GetFlyoutWidth(BindableObject) , Shell.SetFlyoutWidth(BindableObject, double) ,
Shell.GetFlyoutHeight(BindableObject) , Shell.SetFlyoutHeight(BindableObject, double) ,
Shell.GetNavBarIsVisible(BindableObject) , Shell.SetNavBarIsVisible(BindableObject, bool) ,
Shell.GetNavBarHasShadow(BindableObject) , Shell.SetNavBarHasShadow(BindableObject, bool) ,
Shell.GetSearchHandler(BindableObject) , Shell.SetSearchHandler(BindableObject, SearchHandler) ,
Shell.GetTabBarIsVisible(BindableObject) , Shell.SetTabBarIsVisible(BindableObject, bool) ,
Shell.GetTitleView(BindableObject) , Shell.SetTitleView(BindableObject, View) ,
Shell.GetBackgroundColor(BindableObject) , Shell.SetBackgroundColor(BindableObject, Color) ,
Shell.GetDisabledColor(BindableObject) , Shell.SetDisabledColor(BindableObject, Color) ,
Shell.GetForegroundColor(BindableObject) , Shell.SetForegroundColor(BindableObject, Color) ,
Shell.GetTabBarBackgroundColor(BindableObject) ,
Shell.SetTabBarBackgroundColor(BindableObject, Color) ,
Shell.GetTabBarDisabledColor(BindableObject) ,
Shell.SetTabBarDisabledColor(BindableObject, Color) ,
Shell.GetTabBarForegroundColor(BindableObject) ,
Shell.SetTabBarForegroundColor(BindableObject, Color) , Shell.GetTabBarTitleColor(BindableObject) ,
Shell.SetTabBarTitleColor(BindableObject, Color) , Shell.GetTabBarUnselectedColor(BindableObject) ,
Shell.SetTabBarUnselectedColor(BindableObject, Color) , Shell.GetTitleColor(BindableObject) ,
Shell.SetTitleColor(BindableObject, Color) , Shell.GetUnselectedColor(BindableObject) ,
Shell.SetUnselectedColor(BindableObject, Color) , Shell.GetFlyoutBackdrop(BindableObject) ,
Shell.SetFlyoutBackdrop(BindableObject, Brush) , Shell.GoToAsync(ShellNavigationState) ,
Shell.GoToAsync(ShellNavigationState, bool) ,
Shell.GoToAsync(ShellNavigationState, IDictionary<string, object>) ,
Shell.GoToAsync(ShellNavigationState, bool, IDictionary<string, object>) ,
Shell.GoToAsync(ShellNavigationState, ShellNavigationQueryParameters) ,
Shell.GoToAsync(ShellNavigationState, bool, ShellNavigationQueryParameters) ,
Shell.OnBindingContextChanged() , Shell.OnBackButtonPressed() ,
Shell.OnNavigated(ShellNavigatedEventArgs) , Shell.OnNavigating(ShellNavigatingEventArgs) ,
Shell.LayoutChildren(double, double, double, double) , Shell.OnPropertyChanged(string) ,
Shell.CurrentPage , Shell.Current , Shell.FlyoutVerticalScrollMode , Shell.FlyoutIcon ,
Shell.CurrentItem , Shell.CurrentState , Shell.FlyoutBackgroundImage ,
Shell.FlyoutBackgroundImageAspect , Shell.FlyoutBackgroundColor , Shell.FlyoutBackground ,
Shell.FlyoutBackdrop , Shell.FlyoutWidth , Shell.FlyoutHeight , Shell.FlyoutBehavior ,

Shell.FlyoutHeader , Shell.FlyoutFooter , Shell.FlyoutHeaderBehavior ,
Shell.FlyoutHeaderTemplate , Shell.FlyoutFooterTemplate , Shell.FlyoutIsPresented , Shell.Items ,
Shell.ItemTemplate , Shell.MenuItemTemplate , Shell.FlyoutItems , Shell.FlyoutContent ,
Shell.FlyoutContentTemplate , Shell.Navigated , Shell.Navigating , Page.BusySetSignalName ,
Page.AlertSignalName , Page.PromptSignalName , Page.ActionSheetSignalName ,
Page.BackgroundImageSourceProperty , Page.IsBusyProperty , Page.PaddingProperty ,
Page.TitleProperty , Page.IconImageSourceProperty ,
Page.DisplayActionSheet(string, string, string, params string[]) ,
Page.DisplayActionSheet(string, string, string, FlowDirection, params string[]) ,
Page.DisplayAlert(string, string, string) , Page.DisplayAlert(string, string, string, string) ,
Page.DisplayAlert(string, string, string, FlowDirection) ,
Page.DisplayAlert(string, string, string, string, FlowDirection) ,
Page.DisplayPromptAsync(string, string, string, string, string, int, Keyboard, string) ,
Page.ForceLayout() , Page.SendBackButtonPressed() , Page.OnAppearing() ,
Page.OnChildMeasureInvalidated(object, EventArgs) , Page.OnDisappearing() , Page.OnParentSet() ,
Page.OnSizeAllocated(double, double) , Page.UpdateChildrenLayout() , Page.On<T>() ,
Page.OnNavigatedTo(NavigatedToEventArgs) , Page.OnNavigatingFrom(NavigatingFromEventArgs) ,
Page.OnNavigatedFrom(NavigatedFromEventArgs) , Page.GetParentWindow() ,
Page.BackgroundImageSource , Page.IconImageSource , Page.IsBusy , Page.Padding ,
Page.Title , Page.ToolbarItems , Page.MenuBarItems , Page.LayoutChanged , Page.Appearing ,
Page.Disappearing , Page.NavigatedTo , Page.NavigatingFrom , Page.NavigatedFrom ,
VisualElement.NavigationProperty , VisualElement.StyleProperty ,
VisualElement.InputTransparentProperty , VisualElement.IsEnabledProperty ,
VisualElement.XProperty , VisualElement.YProperty , VisualElement.AnchorXProperty ,
VisualElement.AnchorYProperty , VisualElement.TranslationXProperty ,
VisualElement.TranslationYProperty , VisualElement.WidthProperty , VisualElement.HeightProperty ,
VisualElement.RotationProperty , VisualElement.RotationXProperty ,
VisualElement.RotationYProperty , VisualElement.ScaleProperty , VisualElement.ScaleXProperty ,
VisualElement.ScaleYProperty , VisualElement.ClipProperty , VisualElement.VisualProperty ,
VisualElement.IsVisibleProperty , VisualElement.OpacityProperty ,
VisualElement.BackgroundProperty , VisualElement.BehaviorsProperty ,
VisualElement.TriggersProperty , VisualElement.WidthRequestProperty ,
VisualElement.HeightRequestProperty , VisualElement.MinimumWidthRequestProperty ,
VisualElement.MinimumHeightRequestProperty , VisualElement.MaximumWidthRequestProperty ,
VisualElement.MaximumHeightRequestProperty , VisualElement.IsFocusedProperty ,
VisualElement.FlowDirectionProperty , VisualElement.WindowProperty ,
VisualElement.ShadowProperty , VisualElement.ZIndexProperty ,
VisualElement.ControlsVisualElementMapper , VisualElement.BatchBegin() ,
VisualElement.BatchCommit() , VisualElement.Focus() ,
VisualElement.Measure(double, double, MeasureFlags) , VisualElement.Unfocus() ,

VisualElement.InvalidateMeasure() , VisualElement.OnChildAdded(Element) ,
VisualElement.OnChildRemoved(Element, int) , VisualElement.OnChildrenReordered() ,
VisualElement.OnMeasure(double, double) , VisualElement.SizeAllocated(double, double) ,
VisualElement.ChangeVisualState() , VisualElement.RefreshIsEnabledProperty() ,
VisualElement.Arrange(Rect) , VisualElement.ArrangeOverride(Rect) , VisualElement.Layout(Rect) ,
VisualElement.InvalidateMeasureOverride() , VisualElement.MeasureOverride(double, double) ,
VisualElement.MapBackgroundColor(IViewHandler, IView) ,
VisualElement.MapBackgroundImageSource(IViewHandler, IView) , VisualElement.Visual ,
VisualElement.FlowDirection , VisualElement.Window , VisualElement.AnchorX ,
VisualElement.AnchorY , VisualElement.BackgroundColor , VisualElement.Background ,
VisualElement.Behaviors , VisualElement.Bounds , VisualElement.Height ,
VisualElement.HeightRequest , VisualElement.InputTransparent , VisualElement.IsEnabled ,
VisualElement.IsEnabledCore , VisualElement.IsFocused , VisualElement.IsVisible ,
VisualElement.MinimumHeightRequest , VisualElement.MinimumWidthRequest ,
VisualElement.MaximumHeightRequest , VisualElement.MaximumWidthRequest ,
VisualElement.Opacity , VisualElement.Rotation , VisualElement.RotationX ,
VisualElement.RotationY , VisualElement.Scale , VisualElement.ScaleX , VisualElement.ScaleY ,
VisualElement.TranslationX , VisualElement.TranslationY , VisualElement.Triggers ,
VisualElement.Width , VisualElement.WidthRequest , VisualElement.X , VisualElement.Y ,
VisualElement.Clip , VisualElement.Resources , VisualElement.Frame , VisualElement.Handler ,
VisualElement.Shadow , VisualElement.ZIndex , VisualElement.DesiredSize ,
VisualElement.IsLoaded , VisualElement.ChildrenReordered , VisualElement.Focused ,
VisualElement.MeasureInvalidated , VisualElement.SizeChanged , VisualElement.Unfocused ,
VisualElement.Loaded , VisualElement.Unloaded , NavigableElement.Navigation ,
NavigableElement.Style , NavigableElement.StyleClass , NavigableElement.class ,
Element.AutomationIdProperty , Element.ClassIdProperty , Element.ControlsElementMapper ,
Element.InsertLogicalChild(int, Element) , Element.AddLogicalChild(Element) ,
Element.RemoveLogicalChild(Element) , Element.ClearLogicalChildren() ,
Element.FindByName(string) , Element.RemoveDynamicResource(BindableProperty) ,
Element.SetDynamicResource(BindableProperty, string) ,
Element.OnParentChanging(ParentChangingEventArgs) , Element.OnParentChanged() ,
Element.OnHandlerChanging(HandlerChangingEventArgs) , Element.OnHandlerChanged() ,
Element.MapAutomationPropertiesIsInAccessibleTree(IElementHandler, Element) ,
Element.MapAutomationPropertiesExcludedWithChildren(IElementHandler, Element) ,
Element.AutomationId , Element.ClassId , Element.Effects , Element.Id , Element.StyleId ,
Element.Parent , Element.ChildAdded , Element.ChildRemoved , Element.DescendantAdded ,
Element.DescendantRemoved , Element.ParentChanging , Element.ParentChanged ,
Element.HandlerChanging , Element.HandlerChanged , BindableObject.BindingContextProperty ,
BindableObject.ClearValue(BindableProperty) , BindableObject.ClearValue(BindablePropertyKey) ,
BindableObject.GetValue(BindableProperty) , BindableObject.IsSet(BindableProperty) ,

BindableObject.RemoveBinding(BindableProperty) ,
BindableObject.SetBinding(BindableProperty, BindingBase) , BindableObject.ApplyBindings() ,
BindableObject.OnPropertyChanging(string) , BindableObject.UnapplyBindings() ,
BindableObject.SetValue(BindableProperty, object) ,
BindableObject.SetValue(BindablePropertyKey, object) ,
BindableObject.CoerceValue(BindableProperty) , BindableObject.CoerceValue(BindablePropertyKey) ,
BindableObject.Dispatcher , BindableObject.BindingContext , BindableObject.PropertyChanged ,
BindableObject.PropertyChanging , BindableObject.BindingContextChanged ,
object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() ,
object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AppShell()

```
public AppShell()
```

Class Constants

Namespace: MauiApp1

Assembly: MauiApp1.dll

```
public static class Constants
```

Inheritance

object ← Constants

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Fields

DatabaseFilename

```
public const string DatabaseFilename = "SensorDatabase.db3"
```

Field Value

string

Flags

```
public const SQLiteOpenFlags Flags = ReadWrite | Create | SharedCache
```

Field Value

SQLiteOpenFlags

Properties

BackupPath

```
public static string BackupPath { get; }
```

Property Value

string

DatabasePath

```
public static string DatabasePath { get; }
```

Property Value

string

Class MauiProgram

Namespace: MauiApp1

Assembly: MauiApp1.dll

```
public static class MauiProgram
```

Inheritance

object ← MauiProgram

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

CreateMauiApp()

```
public static MauiApp CreateMauiApp()
```

Returns

MauiApp

Class SensorDatabase

Namespace: MauiApp1

Assembly: MauiApp1.dll

Handles SQLite database connection

```
public class SensorDatabase
```

Inheritance

object ← SensorDatabase

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

Backup()

Backup data

```
public Task Backup()
```

Returns

Task

DeleteItemAsync(Sensor)

Delete sensor from sqlite db

```
public Task<int> DeleteItemAsync(Sensor sensor)
```

Parameters

`sensor` Sensor

Returns

Task<int>

GetSensorsAsync()

Get all sensors

```
public Task<List<Sensor>> GetSensorsAsync()
```

Returns

Task<List<Sensor>>

Populate()

Populates initial sensor data.

```
public Task Populate()
```

Returns

Task

SaveItemAsync(Sensor)

Save a sensor to sqlite db

```
public Task<int> SaveItemAsync(Sensor sensor)
```

Parameters

`sensor` Sensor

Returns

Task<int>

Namespace MauiApp1.Tests

Classes

UnitTest1

Class UnitTest1

Namespace: MauiApp1.Tests

Assembly: MauiApp1.Tests.dll

```
public class UnitTest1
```

Inheritance

object ← UnitTest1

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

ValidateBackup()

```
[Fact]
public Task ValidateBackup()
```

Returns

Task

ValidateDatabasePersists()

```
[Fact]
public Task ValidateDatabasePersists()
```

Returns

Task

ValidateSensorModel()

```
[Fact]
public void ValidateSensorModel()
```

Namespace MauiApp1.UI.Model

Classes

Sensor

Class Sensor

Namespace: MauiApp1.UI.Model

Assembly: MauiApp1.dll

```
public class Sensor : ObservableObject, INotifyPropertyChanged, INotifyPropertyChanging
```

Inheritance

object ← ObservableObject ← Sensor

Implements

INotifyPropertyChanged, INotifyPropertyChanging

Inherited Members

ObservableObject.OnPropertyChanged(PropertyChangedEventArgs) ,
ObservableObject.OnPropertyChanging(PropertyChangingEventArgs) ,
ObservableObject.OnPropertyChanged(string) , ObservableObject.OnPropertyChanging(string) ,
ObservableObject.SetProperty<T>(ref T, T, string) ,
ObservableObject.SetProperty<T>(ref T, T, IEqualityComparer<T>, string) ,
ObservableObject.SetProperty<T>(T, T, Action<T>, string) ,
ObservableObject.SetProperty<T>(T, T, IEqualityComparer<T>, Action<T>, string) ,
ObservableObject.SetProperty<TModel, T>(T, T, TModel, Action<TModel, T>, string) ,
ObservableObject.SetProperty<TModel, T>(T, T, IEqualityComparer<T>, TModel, Action<TModel, T>, string) ,
ObservableObject.SetPropertyAndNotifyOnCompletion(ref ObservableObject.TaskNotifier, Task, string)
,
ObservableObject.SetPropertyAndNotifyOnCompletion(ref ObservableObject.TaskNotifier, Task, Action<Task>, string) ,
ObservableObject.SetPropertyAndNotifyOnCompletion<T>(ref ObservableObject.TaskNotifier<T>, Task<T>, string) ,
ObservableObject.SetPropertyAndNotifyOnCompletion<T>(ref ObservableObject.TaskNotifier<T>, Task<T>, Action<Task<T>>, string) ,
ObservableObject.PropertyChanged , ObservableObject.PropertyChanging , object.Equals(object) ,
object.Equals(object, object) , object.GetHashCode() , object.GetType() ,
object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Flagged

```
public bool Flagged { get; set; }
```

Property Value

bool

ID

```
[PrimaryKey]
[AutoIncrement]
public int ID { get; set; }
```

Property Value

int

Latitude

```
public double Latitude { get; set; }
```

Property Value

double

Longitude

```
public double Longitude { get; set; }
```

Property Value

double

Type

```
public string Type { get; set; }
```

Property Value

string

Namespace MauiApp1.UI.View

Classes

AdminView

MainPage

SensorView

Class AdminView

Namespace: MauiApp1.UI.View

Assembly: MauiApp1.dll

```
[XamlFilePath("UI\\View\\AdminView.xaml")]
public class AdminView : ContentPage, INotifyPropertyChanged, IVisualTreeElement,
IEffectControlProvider, IToolTipElement, IContextFlyoutElement, IAnimatable, ILayout,
IPageController, IVisualElementController, IElementController, IElementConfiguration<Page>,
ISafeAreaView, ITitledElement, IToolbarElement, IContentView, IPadding,
ICrossPlatformLayout, IHotReloadableView, IView, IElement, ITransform, IReplaceableView
```

Inheritance

object ← BindableObject ← Element ← NavigableElement ← VisualElement ← Page ← TemplatedPage ← ContentPage ← AdminView

Implements

INotifyPropertyChanged, IVisualTreeElement, IEffectControlProvider, IToolTipElement, IContextFlyoutElement, IAnimatable, ILayout, IPageController, IVisualElementController, IElementController, IElementConfiguration<Page>, ISafeAreaView, ITitledElement, IToolbarElement, IContentView, IPadding, ICrossPlatformLayout, IHotReloadableView, IView, IElement, ITransform, IReplaceableView

Inherited Members

ContentPage.ContentProperty , ContentPage.HideSoftInputOnTappedProperty , ContentPage.OnBindingContextChanged() , ContentPage.MeasureOverride(double, double) , ContentPage.ArrangeOverride(Rect) , ContentPage.InvalidateMeasureOverride() , ContentPage.Content , ContentPage.HideSoftInputOnTapped , TemplatedPage.ControlTemplateProperty , TemplatedPage.OnApplyTemplate() , TemplatedPage.OnChildRemoved(Element, int) , TemplatedPage.GetTemplateChild(string) , TemplatedPage.ControlTemplate , Page.BusySetSignalName , Page.AlertSignalName , Page.PromptSignalName , Page.ActionSheetSignalName , Page.BackgroundImageSourceProperty , Page.IsBusyProperty , Page.PaddingProperty , Page.TitleProperty , Page.IconImageSourceProperty , Page.DisplayActionSheet(string, string, string, params string[]) , Page.DisplayActionSheet(string, string, string, FlowDirection, params string[]) , Page.DisplayAlert(string, string, string) , Page.DisplayAlert(string, string, string, string) , Page.DisplayAlert(string, string, string, FlowDirection) , Page.DisplayAlert(string, string, string, string, FlowDirection) , Page.DisplayPromptAsync(string, string, string, string, string, int, Keyboard, string) , Page.ForceLayout() , Page.SendBackButtonPressed() ,

Page.LayoutChildren(double, double, double, double) , Page.OnAppearing() ,
Page.OnBackButtonPressed() , Page.OnChildMeasureInvalidated(object, EventArgs) ,
Page.OnDisappearing() , Page.OnParentSet() , Page.OnSizeAllocated(double, double) ,
Page.UpdateChildrenLayout() , Page.On<T>() , Page.OnNavigatedTo(NavigatedToEventArgs) ,
Page.OnNavigatingFrom(NavigatingFromEventArgs) ,
Page.OnNavigatedFrom(NavigatedFromEventArgs) , Page.GetParentWindow() ,
Page.BackgroundImageSource , Page.IconImageSource , Page.IsBusy , Page.Padding ,
Page.Title , Page.ToolbarItems , Page.MenuBarItems , Page.LayoutChanged , Page.Appearing ,
Page.Disappearing , Page.NavigatedTo , Page.NavigatingFrom , Page.NavigatedFrom ,
VisualElement.NavigationProperty , VisualElement.StyleProperty ,
VisualElement.InputTransparentProperty , VisualElement.IsEnabledProperty ,
VisualElement.XProperty , VisualElement.YProperty , VisualElement.AnchorXProperty ,
VisualElement.AnchorYProperty , VisualElement.TranslationXProperty ,
VisualElement.TranslationYProperty , VisualElement.WidthProperty , VisualElement.HeightProperty ,
VisualElement.RotationProperty , VisualElement.RotationXProperty ,
VisualElement.RotationYProperty , VisualElement.ScaleProperty , VisualElement.ScaleXProperty ,
VisualElement.ScaleYProperty , VisualElement.ClipProperty , VisualElement.VisualProperty ,
VisualElement.IsVisibleProperty , VisualElement.OpacityProperty ,
VisualElement.BackgroundColorProperty , VisualElement.BackgroundProperty ,
VisualElement.BehaviorsProperty , VisualElement.TriggersProperty ,
VisualElement.WidthRequestProperty , VisualElement.HeightRequestProperty ,
VisualElement.MinimumWidthRequestProperty , VisualElement.MinimumHeightRequestProperty ,
VisualElement.MaximumWidthRequestProperty , VisualElement.MaximumHeightRequestProperty ,
VisualElement.IsFocusedProperty , VisualElement.FlowDirectionProperty ,
VisualElement.WindowProperty , VisualElement.ShadowProperty , VisualElement.ZIndexProperty ,
VisualElement.ControlsVisualElementMapper , VisualElement.BatchBegin() ,
VisualElement.BatchCommit() , VisualElement.Focus() ,
VisualElement.Measure(double, double, MeasureFlags) , VisualElement.Unfocus() ,
VisualElement.InvalidateMeasure() , VisualElement.OnChildAdded(Element) ,
VisualElement.OnChildrenReordered() , VisualElement.OnMeasure(double, double) ,
VisualElement.SizeAllocated(double, double) , VisualElement.ChangeVisualState() ,
VisualElement.RefreshIsEnabledProperty() , VisualElement.Arrange(Rect) ,
VisualElement.Layout(Rect) , VisualElement.MapBackgroundColor(IViewHandler, IView) ,
VisualElement.MapBackgroundImageSource(IViewHandler, IView) , VisualElement.Visual ,
VisualElement.FlowDirection , VisualElement.Window , VisualElement.AnchorX ,
VisualElement.AnchorY , VisualElement.BackgroundColor , VisualElement.Background ,
VisualElement.Behaviors , VisualElement.Bounds , VisualElement.Height ,
VisualElement.HeightRequest , VisualElement.InputTransparent , VisualElement.IsEnabled ,
VisualElement.IsEnabledCore , VisualElement.IsFocused , VisualElement.IsVisible ,
VisualElement.MinimumHeightRequest , VisualElement.MinimumWidthRequest ,

VisualElement.MaximumHeightRequest , VisualElement.MaximumWidthRequest , VisualElement.Opacity , VisualElement.Rotation , VisualElement.RotationX , VisualElement.RotationY , VisualElement.Scale , VisualElement.ScaleX , VisualElement.ScaleY , VisualElement.TranslationX , VisualElement.TranslationY , VisualElement.Triggers , VisualElement.Width , VisualElement.WidthRequest , VisualElement.X , VisualElement.Y , VisualElement.Clip , VisualElement.Resources , VisualElement.Frame , VisualElement.Handler , VisualElement.Shadow , VisualElement.ZIndex , VisualElement.DesiredSize , VisualElement.IsLoaded , VisualElement.ChildrenReordered , VisualElement.Focused , VisualElement.MeasureInvalidated , VisualElement.SizeChanged , VisualElement.Unfocused , VisualElement.Loaded , VisualElement.Unloaded , NavigableElement.Navigation , NavigableElement.Style , NavigableElement.StyleClass , NavigableElement.class , Element.AutomationIdProperty , Element.ClassIdProperty , Element.ControlsElementMapper , Element.InsertLogicalChild(int, Element) , Element.AddLogicalChild(Element) , Element.RemoveLogicalChild(Element) , Element.ClearLogicalChildren() , Element.FindByName(string) , Element.RemoveDynamicResource(BindableProperty) , Element.SetDynamicResource(BindableProperty, string) , Element.OnPropertyChanged(string) , Element.OnParentChanging(ParentChangingEventArgs) , Element.OnParentChanged() , Element.OnHandlerChanging(HandlerChangingEventArgs) , Element.OnHandlerChanged() , Element.MapAutomationPropertiesIsInAccessibleTree(IElementHandler, Element) , Element.MapAutomationPropertiesExcludedWithChildren(IElementHandler, Element) , Element.AutomationId , Element.ClassId , Element.Effects , Element.Id , Element.StyleId , Element.Parent , Element.ChildAdded , Element.ChildRemoved , Element.DescendantAdded , Element.DescendantRemoved , Element.ParentChanging , Element.ParentChanged , Element.HandlerChanging , Element.HandlerChanged , BindableObject.BindingContextProperty , BindableObject.ClearValue(BindableProperty) , BindableObject.ClearValue(BindablePropertyKey) , BindableObject.GetValue(BindableProperty) , BindableObject.IsSet(BindableProperty) , BindableObject.RemoveBinding(BindableProperty) , BindableObject.SetBinding(BindableProperty, BindingBase) , BindableObject.ApplyBindings() , BindableObject.OnPropertyChanging(string) , BindableObject.UnapplyBindings() , BindableObject.SetValue(BindableProperty, object) , BindableObject.SetValue(BindablePropertyKey, object) , BindableObject.CoerceValue(BindableProperty) , BindableObject.CoerceValue(BindablePropertyKey) , BindableObject.Dispatcher , BindableObject.BindingContext , BindableObject.PropertyChanged , BindableObject.PropertyChanging , BindableObject.BindingContextChanged , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AdminView(AdminViewModel)

```
public AdminView(AdminViewModel adminViewModel)
```

Parameters

`adminViewModel` AdminViewModel

Class MainPage

Namespace: MauiApp1.UI.View

Assembly: MauiApp1.dll

```
[XamlFilePath("UI\\View\\MainPage.xaml")]
public class MainPage : ContentPage, INotifyPropertyChanged, IVisualTreeElement,
IEffectControlProvider, IToolTipElement, IContextFlyoutElement, IAnimatable, ILayout,
IPageController, IVisualElementController, IElementController, IElementConfiguration<Page>,
ISafeAreaView, ITitledElement, IToolbarElement, IContentView, IPadding,
ICrossPlatformLayout, IHotReloadableView, IView, IElement, ITransform, IReplaceableView
```

Inheritance

object ← BindableObject ← Element ← NavigableElement ← VisualElement ← Page ← TemplatedPage ← ContentPage ← MainPage

Implements

INotifyPropertyChanged, IVisualTreeElement, IEffectControlProvider, IToolTipElement, IContextFlyoutElement, IAnimatable, ILayout, IPageController, IVisualElementController, IElementController, IElementConfiguration<Page>, ISafeAreaView, ITitledElement, IToolbarElement, IContentView, IPadding, ICrossPlatformLayout, IHotReloadableView, IView, IElement, ITransform, IReplaceableView

Inherited Members

ContentPage.ContentProperty , ContentPage.HideSoftInputOnTappedProperty , ContentPage.OnBindingContextChanged() , ContentPage.MeasureOverride(double, double) , ContentPage.ArrangeOverride(Rect) , ContentPage.InvalidateMeasureOverride() , ContentPage.Content , ContentPage.HideSoftInputOnTapped , TemplatedPage.ControlTemplateProperty , TemplatedPage.OnApplyTemplate() , TemplatedPage.OnChildRemoved(Element, int) , TemplatedPage.GetTemplateChild(string) , TemplatedPage.ControlTemplate , Page.BusySetSignalName , Page.AlertSignalName , Page.PromptSignalName , Page.ActionSheetSignalName , Page.BackgroundImageSourceProperty , Page.IsBusyProperty , Page.PaddingProperty , Page.TitleProperty , Page.IconImageSourceProperty , Page.DisplayActionSheet(string, string, string, params string[]) , Page.DisplayActionSheet(string, string, string, FlowDirection, params string[]) , Page.DisplayAlert(string, string, string) , Page.DisplayAlert(string, string, string, string) , Page.DisplayAlert(string, string, string, FlowDirection) , Page.DisplayAlert(string, string, string, string, FlowDirection) , Page.DisplayPromptAsync(string, string, string, string, string, int, Keyboard, string) , Page.ForceLayout() , Page.SendBackButtonPressed() ,

Page.LayoutChildren(double, double, double, double) , Page.OnAppearing() ,
Page.OnBackButtonPressed() , Page.OnChildMeasureInvalidated(object, EventArgs) ,
Page.OnDisappearing() , Page.OnParentSet() , Page.OnSizeAllocated(double, double) ,
Page.UpdateChildrenLayout() , Page.On<T>() , Page.OnNavigatedTo(NavigatedToEventArgs) ,
Page.OnNavigatingFrom(NavigatingFromEventArgs) ,
Page.OnNavigatedFrom(NavigatedFromEventArgs) , Page.GetParentWindow() ,
Page.BackgroundImageSource , Page.IconImageSource , Page.IsBusy , Page.Padding ,
Page.Title , Page.ToolbarItems , Page.MenuBarItems , Page.LayoutChanged , Page.Appearing ,
Page.Disappearing , Page.NavigatedTo , Page.NavigatingFrom , Page.NavigatedFrom ,
VisualElement.NavigationProperty , VisualElement.StyleProperty ,
VisualElement.InputTransparentProperty , VisualElement.IsEnabledProperty ,
VisualElement.XProperty , VisualElement.YProperty , VisualElement.AnchorXProperty ,
VisualElement.AnchorYProperty , VisualElement.TranslationXProperty ,
VisualElement.TranslationYProperty , VisualElement.WidthProperty , VisualElement.HeightProperty ,
VisualElement.RotationProperty , VisualElement.RotationXProperty ,
VisualElement.RotationYProperty , VisualElement.ScaleProperty , VisualElement.ScaleXProperty ,
VisualElement.ScaleYProperty , VisualElement.ClipProperty , VisualElement.VisualProperty ,
VisualElement.IsVisibleProperty , VisualElement.OpacityProperty ,
VisualElement.BackgroundColorProperty , VisualElement.BackgroundProperty ,
VisualElement.BehaviorsProperty , VisualElement.TriggersProperty ,
VisualElement.WidthRequestProperty , VisualElement.HeightRequestProperty ,
VisualElement.MinimumWidthRequestProperty , VisualElement.MinimumHeightRequestProperty ,
VisualElement.MaximumWidthRequestProperty , VisualElement.MaximumHeightRequestProperty ,
VisualElement.IsFocusedProperty , VisualElement.FlowDirectionProperty ,
VisualElement.WindowProperty , VisualElement.ShadowProperty , VisualElement.ZIndexProperty ,
VisualElement.ControlsVisualElementMapper , VisualElement.BatchBegin() ,
VisualElement.BatchCommit() , VisualElement.Focus() ,
VisualElement.Measure(double, double, MeasureFlags) , VisualElement.Unfocus() ,
VisualElement.InvalidateMeasure() , VisualElement.OnChildAdded(Element) ,
VisualElement.OnChildrenReordered() , VisualElement.OnMeasure(double, double) ,
VisualElement.SizeAllocated(double, double) , VisualElement.ChangeVisualState() ,
VisualElement.RefreshIsEnabledProperty() , VisualElement.Arrange(Rect) ,
VisualElement.Layout(Rect) , VisualElement.MapBackgroundColor(IViewHandler, IView) ,
VisualElement.MapBackgroundImageSource(IViewHandler, IView) , VisualElement.Visual ,
VisualElement.FlowDirection , VisualElement.Window , VisualElement.AnchorX ,
VisualElement.AnchorY , VisualElement.BackgroundColor , VisualElement.Background ,
VisualElement.Behaviors , VisualElement.Bounds , VisualElement.Height ,
VisualElement.HeightRequest , VisualElement.InputTransparent , VisualElement.IsEnabled ,
VisualElement.IsEnabledCore , VisualElement.IsFocused , VisualElement.IsVisible ,
VisualElement.MinimumHeightRequest , VisualElement.MinimumWidthRequest ,

VisualElement.MaximumHeightRequest , VisualElement.MaximumWidthRequest , VisualElement.Opacity , VisualElement.Rotation , VisualElement.RotationX , VisualElement.RotationY , VisualElement.Scale , VisualElement.ScaleX , VisualElement.ScaleY , VisualElement.TranslationX , VisualElement.TranslationY , VisualElement.Triggers , VisualElement.Width , VisualElement.WidthRequest , VisualElement.X , VisualElement.Y , VisualElement.Clip , VisualElement.Resources , VisualElement.Frame , VisualElement.Handler , VisualElement.Shadow , VisualElement.ZIndex , VisualElement.DesiredSize , VisualElement.IsLoaded , VisualElement.ChildrenReordered , VisualElement.Focused , VisualElement.MeasureInvalidated , VisualElement.SizeChanged , VisualElement.Unfocused , VisualElement.Loaded , VisualElement.Unloaded , NavigableElement.Navigation , NavigableElement.Style , NavigableElement.StyleClass , NavigableElement.class , Element.AutomationIdProperty , Element.ClassIdProperty , Element.ControlsElementMapper , Element.InsertLogicalChild(int, Element) , Element.AddLogicalChild(Element) , Element.RemoveLogicalChild(Element) , Element.ClearLogicalChildren() , Element.FindByName(string) , Element.RemoveDynamicResource(BindableProperty) , Element.SetDynamicResource(BindableProperty, string) , Element.OnPropertyChanged(string) , Element.OnParentChanging(ParentChangingEventArgs) , Element.OnParentChanged() , Element.OnHandlerChanging(HandlerChangingEventArgs) , Element.OnHandlerChanged() , Element.MapAutomationPropertiesIsInAccessibleTree(IElementHandler, Element) , Element.MapAutomationPropertiesExcludedWithChildren(IElementHandler, Element) , Element.AutomationId , Element.ClassId , Element.Effects , Element.Id , Element.StyleId , Element.Parent , Element.ChildAdded , Element.ChildRemoved , Element.DescendantAdded , Element.DescendantRemoved , Element.ParentChanging , Element.ParentChanged , Element.HandlerChanging , Element.HandlerChanged , BindableObject.BindingContextProperty , BindableObject.ClearValue(BindableProperty) , BindableObject.ClearValue(BindablePropertyKey) , BindableObject.GetValue(BindableProperty) , BindableObject.IsSet(BindableProperty) , BindableObject.RemoveBinding(BindableProperty) , BindableObject.SetBinding(BindableProperty, BindingBase) , BindableObject.ApplyBindings() , BindableObject.OnPropertyChanging(string) , BindableObject.UnapplyBindings() , BindableObject.SetValue(BindableProperty, object) , BindableObject.SetValue(BindablePropertyKey, object) , BindableObject.CoerceValue(BindableProperty) , BindableObject.CoerceValue(BindablePropertyKey) , BindableObject.Dispatcher , BindableObject.BindingContext , BindableObject.PropertyChanged , BindableObject.PropertyChanging , BindableObject.BindingContextChanged , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

MainPage(MainPageViewModel)

```
public MainPage(MainPageViewModel viewModel)
```

Parameters

`viewModel` MainPageViewModel

Class SensorView

Namespace: MauiApp1.UI.View

Assembly: MauiApp1.dll

```
[XamlFilePath("UI\\View\\SensorView.xaml")]
public class SensorView : ContentPage, INotifyPropertyChanged, IVisualTreeElement,
IEffectControlProvider, IToolTipElement, IContextFlyoutElement, IAnimatable, ILayout,
IPageController, IVisualElementController, IElementController, IElementConfiguration<Page>,
ISafeAreaView, ITitledElement, IToolbarElement, IContentView, IPadding,
ICrossPlatformLayout, IHotReloadableView, IView, IElement, ITransform, IReplaceableView
```

Inheritance

object ← BindableObject ← Element ← NavigableElement ← VisualElement ← Page ← TemplatedPage ← ContentPage ← SensorView

Implements

INotifyPropertyChanged, IVisualTreeElement, IEffectControlProvider, IToolTipElement, IContextFlyoutElement, IAnimatable, ILayout, IPageController, IVisualElementController, IElementController, IElementConfiguration<Page>, ISafeAreaView, ITitledElement, IToolbarElement, IContentView, IPadding, ICrossPlatformLayout, IHotReloadableView, IView, IElement, ITransform, IReplaceableView

Inherited Members

ContentPage.ContentProperty , ContentPage.HideSoftInputOnTappedProperty , ContentPage.OnBindingContextChanged() , ContentPage.MeasureOverride(double, double) , ContentPage.ArrangeOverride(Rect) , ContentPage.InvalidateMeasureOverride() , ContentPage.Content , ContentPage.HideSoftInputOnTapped , TemplatedPage.ControlTemplateProperty , TemplatedPage.OnApplyTemplate() , TemplatedPage.OnChildRemoved(Element, int) , TemplatedPage.GetTemplateChild(string) , TemplatedPage.ControlTemplate , Page.BusySetSignalName , Page.AlertSignalName , Page.PromptSignalName , Page.ActionSheetSignalName , Page.BackgroundImageSourceProperty , Page.IsBusyProperty , Page.PaddingProperty , Page.TitleProperty , Page.IconImageSourceProperty , Page.DisplayActionSheet(string, string, string, params string[]) , Page.DisplayActionSheet(string, string, string, FlowDirection, params string[]) , Page.DisplayAlert(string, string, string) , Page.DisplayAlert(string, string, string, string) , Page.DisplayAlert(string, string, string, FlowDirection) , Page.DisplayAlert(string, string, string, string, FlowDirection) , Page.DisplayPromptAsync(string, string, string, string, string, int, Keyboard, string) , Page.ForceLayout() , Page.SendBackButtonPressed() ,

Page.LayoutChildren(double, double, double, double) , Page.OnAppearing() ,
Page.OnBackButtonPressed() , Page.OnChildMeasureInvalidated(object, EventArgs) ,
Page.OnDisappearing() , Page.OnParentSet() , Page.OnSizeAllocated(double, double) ,
Page.UpdateChildrenLayout() , Page.On<T>() , Page.OnNavigatedTo(NavigatedToEventArgs) ,
Page.OnNavigatingFrom(NavigatingFromEventArgs) ,
Page.OnNavigatedFrom(NavigatedFromEventArgs) , Page.GetParentWindow() ,
Page.BackgroundImageSource , Page.IconImageSource , Page.IsBusy , Page.Padding ,
Page.Title , Page.ToolbarItems , Page.MenuBarItems , Page.LayoutChanged , Page.Appearing ,
Page.Disappearing , Page.NavigatedTo , Page.NavigatingFrom , Page.NavigatedFrom ,
VisualElement.NavigationProperty , VisualElement.StyleProperty ,
VisualElement.InputTransparentProperty , VisualElement.IsEnabledProperty ,
VisualElement.XProperty , VisualElement.YProperty , VisualElement.AnchorXProperty ,
VisualElement.AnchorYProperty , VisualElement.TranslationXProperty ,
VisualElement.TranslationYProperty , VisualElement.WidthProperty , VisualElement.HeightProperty ,
VisualElement.RotationProperty , VisualElement.RotationXProperty ,
VisualElement.RotationYProperty , VisualElement.ScaleProperty , VisualElement.ScaleXProperty ,
VisualElement.ScaleYProperty , VisualElement.ClipProperty , VisualElement.VisualProperty ,
VisualElement.IsVisibleProperty , VisualElement.OpacityProperty ,
VisualElement.BackgroundColorProperty , VisualElement.BackgroundProperty ,
VisualElement.BehaviorsProperty , VisualElement.TriggersProperty ,
VisualElement.WidthRequestProperty , VisualElement.HeightRequestProperty ,
VisualElement.MinimumWidthRequestProperty , VisualElement.MinimumHeightRequestProperty ,
VisualElement.MaximumWidthRequestProperty , VisualElement.MaximumHeightRequestProperty ,
VisualElement.IsFocusedProperty , VisualElement.FlowDirectionProperty ,
VisualElement.WindowProperty , VisualElement.ShadowProperty , VisualElement.ZIndexProperty ,
VisualElement.ControlsVisualElementMapper , VisualElement.BatchBegin() ,
VisualElement.BatchCommit() , VisualElement.Focus() ,
VisualElement.Measure(double, double, MeasureFlags) , VisualElement.Unfocus() ,
VisualElement.InvalidateMeasure() , VisualElement.OnChildAdded(Element) ,
VisualElement.OnChildrenReordered() , VisualElement.OnMeasure(double, double) ,
VisualElement.SizeAllocated(double, double) , VisualElement.ChangeVisualState() ,
VisualElement.RefreshIsEnabledProperty() , VisualElement.Arrange(Rect) ,
VisualElement.Layout(Rect) , VisualElement.MapBackgroundColor(IViewHandler, IView) ,
VisualElement.MapBackgroundImageSource(IViewHandler, IView) , VisualElement.Visual ,
VisualElement.FlowDirection , VisualElement.Window , VisualElement.AnchorX ,
VisualElement.AnchorY , VisualElement.BackgroundColor , VisualElement.Background ,
VisualElement.Behaviors , VisualElement.Bounds , VisualElement.Height ,
VisualElement.HeightRequest , VisualElement.InputTransparent , VisualElement.IsEnabled ,
VisualElement.IsEnabledCore , VisualElement.IsFocused , VisualElement.IsVisible ,
VisualElement.MinimumHeightRequest , VisualElement.MinimumWidthRequest ,

VisualElement.MaximumHeightRequest , VisualElement.MaximumWidthRequest , VisualElement.Opacity , VisualElement.Rotation , VisualElement.RotationX , VisualElement.RotationY , VisualElement.Scale , VisualElement.ScaleX , VisualElement.ScaleY , VisualElement.TranslationX , VisualElement.TranslationY , VisualElement.Triggers , VisualElement.Width , VisualElement.WidthRequest , VisualElement.X , VisualElement.Y , VisualElement.Clip , VisualElement.Resources , VisualElement.Frame , VisualElement.Handler , VisualElement.Shadow , VisualElement.ZIndex , VisualElement.DesiredSize , VisualElement.IsLoaded , VisualElement.ChildrenReordered , VisualElement.Focused , VisualElement.MeasureInvalidated , VisualElement.SizeChanged , VisualElement.Unfocused , VisualElement.Loaded , VisualElement.Unloaded , NavigableElement.Navigation , NavigableElement.Style , NavigableElement.StyleClass , NavigableElement.class , Element.AutomationIdProperty , Element.ClassIdProperty , Element.ControlsElementMapper , Element.InsertLogicalChild(int, Element) , Element.AddLogicalChild(Element) , Element.RemoveLogicalChild(Element) , Element.ClearLogicalChildren() , Element.FindByName(string) , Element.RemoveDynamicResource(BindableProperty) , Element.SetDynamicResource(BindableProperty, string) , Element.OnPropertyChanged(string) , Element.OnParentChanging(ParentChangingEventArgs) , Element.OnParentChanged() , Element.OnHandlerChanging(HandlerChangingEventArgs) , Element.OnHandlerChanged() , Element.MapAutomationPropertiesIsInAccessibleTree(IElementHandler, Element) , Element.MapAutomationPropertiesExcludedWithChildren(IElementHandler, Element) , Element.AutomationId , Element.ClassId , Element.Effects , Element.Id , Element.StyleId , Element.Parent , Element.ChildAdded , Element.ChildRemoved , Element.DescendantAdded , Element.DescendantRemoved , Element.ParentChanging , Element.ParentChanged , Element.HandlerChanging , Element.HandlerChanged , BindableObject.BindingContextProperty , BindableObject.ClearValue(BindableProperty) , BindableObject.ClearValue(BindablePropertyKey) , BindableObject.GetValue(BindableProperty) , BindableObject.IsSet(BindableProperty) , BindableObject.RemoveBinding(BindableProperty) , BindableObject.SetBinding(BindableProperty, BindingBase) , BindableObject.ApplyBindings() , BindableObject.OnPropertyChanging(string) , BindableObject.UnapplyBindings() , BindableObject.SetValue(BindableProperty, object) , BindableObject.SetValue(BindablePropertyKey, object) , BindableObject.CoerceValue(BindableProperty) , BindableObject.CoerceValue(BindablePropertyKey) , BindableObject.Dispatcher , BindableObject.BindingContext , BindableObject.PropertyChanged , BindableObject.PropertyChanging , BindableObject.BindingContextChanged , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

SensorView(SensorViewModel)

```
public SensorView(SensorViewModel sensorViewModel)
```

Parameters

`sensorViewModel` SensorViewModel

Namespace MauiApp1.UI.ViewModel

Classes

AdminViewModel

MainPageViewModel

SensorViewModel

Class AdminViewModel

Namespace: MauiApp1.UI.ViewModel

Assembly: MauiApp1.dll

```
public class AdminViewModel : ObservableObject, INotifyPropertyChanged,
INotifyPropertyChanging
```

Inheritance

object ← ObservableObject ← AdminViewModel

Implements

INotifyPropertyChanged, INotifyPropertyChanging

Inherited Members

ObservableObject.OnPropertyChanged(PropertyChangedEventArgs) ,
ObservableObject.OnPropertyChanging(PropertyChangingEventArgs) ,
ObservableObject.OnPropertyChanged(string) , ObservableObject.OnPropertyChanging(string) ,
ObservableObject.SetProperty<T>(ref T, T, string) ,
ObservableObject.SetProperty<T>(ref T, T, IEqualityComparer<T>, string) ,
ObservableObject.SetProperty<T>(T, T, Action<T>, string) ,
ObservableObject.SetProperty<T>(T, T, IEqualityComparer<T>, Action<T>, string) ,
ObservableObject.SetProperty<TModel, T>(T, T, TModel, Action<TModel, T>, string) ,
ObservableObject.SetProperty<TModel, T>(T, T, IEqualityComparer<T>, TModel, Action<TModel, T>,
string) ,
ObservableObject.SetPropertyAndNotifyOnCompletion(ref ObservableObject.TaskNotifier, Task, string)
,
ObservableObject.SetPropertyAndNotifyOnCompletion(ref ObservableObject.TaskNotifier, Task,
Action<Task>, string) ,
ObservableObject.SetPropertyAndNotifyOnCompletion<T>(ref ObservableObject.TaskNotifier<T>,
Task<T>, string) ,
ObservableObject.SetPropertyAndNotifyOnCompletion<T>(ref ObservableObject.TaskNotifier<T>,
Task<T>, Action<Task<T>>, string) ,
ObservableObject.PropertyChanged , ObservableObject.PropertyChanging , object.Equals(object) ,
object.Equals(object, object) , object.GetHashCode() , object.GetType() ,
object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AdminViewModel(SensorDatabase)

```
public AdminViewModel(SensorDatabase sensorDatabase)
```

Parameters

`sensorDatabase` SensorDatabase

Properties

BackupCommand

```
public ICommand BackupCommand { get; }
```

Property Value

ICommand

Class MainPageViewModel

Namespace: MauiApp1.UI.ViewModel

Assembly: MauiApp1.dll

```
public class MainPageViewModel : ObservableObject, INotifyPropertyChanged,
INotifyPropertyChanging
```

Inheritance

object ← ObservableObject ← MainPageViewModel

Implements

INotifyPropertyChanged, INotifyPropertyChanging

Inherited Members

ObservableObject.OnPropertyChanged(PropertyChangedEventArgs) ,
ObservableObject.OnPropertyChanging(PropertyChangingEventArgs) ,
ObservableObject.OnPropertyChanged(string) , ObservableObject.OnPropertyChanging(string) ,
ObservableObject.SetProperty<T>(ref T, T, string) ,
ObservableObject.SetProperty<T>(ref T, T, IEqualityComparer<T>, string) ,
ObservableObject.SetProperty<T>(T, T, Action<T>, string) ,
ObservableObject.SetProperty<T>(T, T, IEqualityComparer<T>, Action<T>, string) ,
ObservableObject.SetProperty<TModel, T>(T, T, TModel, Action<TModel, T>, string) ,
ObservableObject.SetProperty<TModel, T>(T, T, IEqualityComparer<T>, TModel, Action<TModel, T>,
string) ,
ObservableObject.SetPropertyAndNotifyOnCompletion(ref ObservableObject.TaskNotifier, Task, string)
,
ObservableObject.SetPropertyAndNotifyOnCompletion(ref ObservableObject.TaskNotifier, Task,
Action<Task>, string) ,
ObservableObject.SetPropertyAndNotifyOnCompletion<T>(ref ObservableObject.TaskNotifier<T>,
Task<T>, string) ,
ObservableObject.SetPropertyAndNotifyOnCompletion<T>(ref ObservableObject.TaskNotifier<T>,
Task<T>, Action<Task<T>>, string) ,
ObservableObject.PropertyChanged , ObservableObject.PropertyChanging , object.Equals(object) ,
object.Equals(object, object) , object.GetHashCode() , object.GetType() ,
object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

MainPageViewModel()

```
public MainPageViewModel()
```

Properties

NavigateToAdminCommand

```
public ICommand NavigateToAdminCommand { get; }
```

Property Value

ICommand

NavigateToSensorLocation

```
public ICommand NavigateToSensorLocation { get; }
```

Property Value

ICommand

Class SensorViewModel

Namespace: MauiApp1.UI.ViewModel

Assembly: MauiApp1.dll

```
public class SensorViewModel : ObservableObject, INotifyPropertyChanged,
INotifyPropertyChanging
```

Inheritance

object ← ObservableObject ← SensorViewModel

Implements

INotifyPropertyChanged, INotifyPropertyChanging

Inherited Members

ObservableObject.OnPropertyChanged(PropertyChangedEventArgs) ,
ObservableObject.OnPropertyChanging(PropertyChangingEventArgs) ,
ObservableObject.OnPropertyChanged(string) , ObservableObject.OnPropertyChanging(string) ,
ObservableObject.SetProperty<T>(ref T, T, string) ,
ObservableObject.SetProperty<T>(ref T, T, IEqualityComparer<T>, string) ,
ObservableObject.SetProperty<T>(T, T, Action<T>, string) ,
ObservableObject.SetProperty<T>(T, T, IEqualityComparer<T>, Action<T>, string) ,
ObservableObject.SetProperty<TModel, T>(T, T, TModel, Action<TModel, T>, string) ,
ObservableObject.SetProperty<TModel, T>(T, T, IEqualityComparer<T>, TModel, Action<TModel, T>,
string) ,
ObservableObject.SetPropertyAndNotifyOnCompletion(ref ObservableObject.TaskNotifier, Task, string)
,
ObservableObject.SetPropertyAndNotifyOnCompletion(ref ObservableObject.TaskNotifier, Task,
Action<Task>, string) ,
ObservableObject.SetPropertyAndNotifyOnCompletion<T>(ref ObservableObject.TaskNotifier<T>,
Task<T>, string) ,
ObservableObject.SetPropertyAndNotifyOnCompletion<T>(ref ObservableObject.TaskNotifier<T>,
Task<T>, Action<Task<T>>, string) ,
ObservableObject.PropertyChanged , ObservableObject.PropertyChanging , object.Equals(object) ,
object.Equals(object, object) , object.GetHashCode() , object.GetType() ,
object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

SensorViewModel(SensorDatabase)

```
public SensorViewModel(SensorDatabase sensorDatabase)
```

Parameters

`sensorDatabase` SensorDatabase

Properties

NavigateCommand

```
public IAsyncRelayCommand<Sensor> NavigateCommand { get; }
```

Property Value

IAsyncRelayCommand<Sensor>

ReportCommand

```
public IAsyncRelayCommand<Sensor> ReportCommand { get; }
```

Property Value

IAsyncRelayCommand<Sensor>

Sensors

```
public ObservableCollection<Sensor> Sensors { get; set; }
```

Property Value

ObservableCollection<Sensor>

Methods

Init()

```
public void Init()
```