

Xamarin Forms Workshop

Zero to App
in 120 Minutes



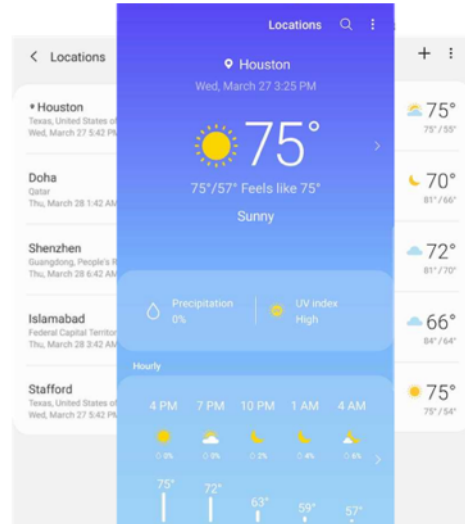
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Goal:

**Build a
Cross Platform
Weather App**



Step 1:

Create the Project

- Create a blank XF project
- Upgrade packages
- Verify that it runs in iOS and Android
- Discuss solution structure

Step 2:

Layout a Basic UI

- Create XAML layout
- Use previewer
- Design time data

Step 3:

Create a Model

- Add simple model
- Use data binding

Step 4:

Add Services

- Use Refit
- Create Interface
- Use json2csharp to create model
- Add searching handler
- Update bindings
- Execute service call

Step 5:

CollectionView

- Create ViewModel
- Update Bindings
- Fody and INPC
- Listview → CollectionView
- Create SavedLocation model

Step 6:

Geolocation

- Essentials
- Add Geolocation
- Add Reverse Geocoding
- Permissions

Step 7:

Persist Data

- SQLite
- Add db class
- Update model
- Handle duplicates

Step 8:

Navigation

- Add a Detail page
- Add navigation

Step 9:

Revisit the UI

- Add icons
- Add colors
- Use converters
- Add more data

Q & A

Thank You!

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