StreamAMG iOS App

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A demo app presenting architecture based on MVVM, including Unit Testing code.
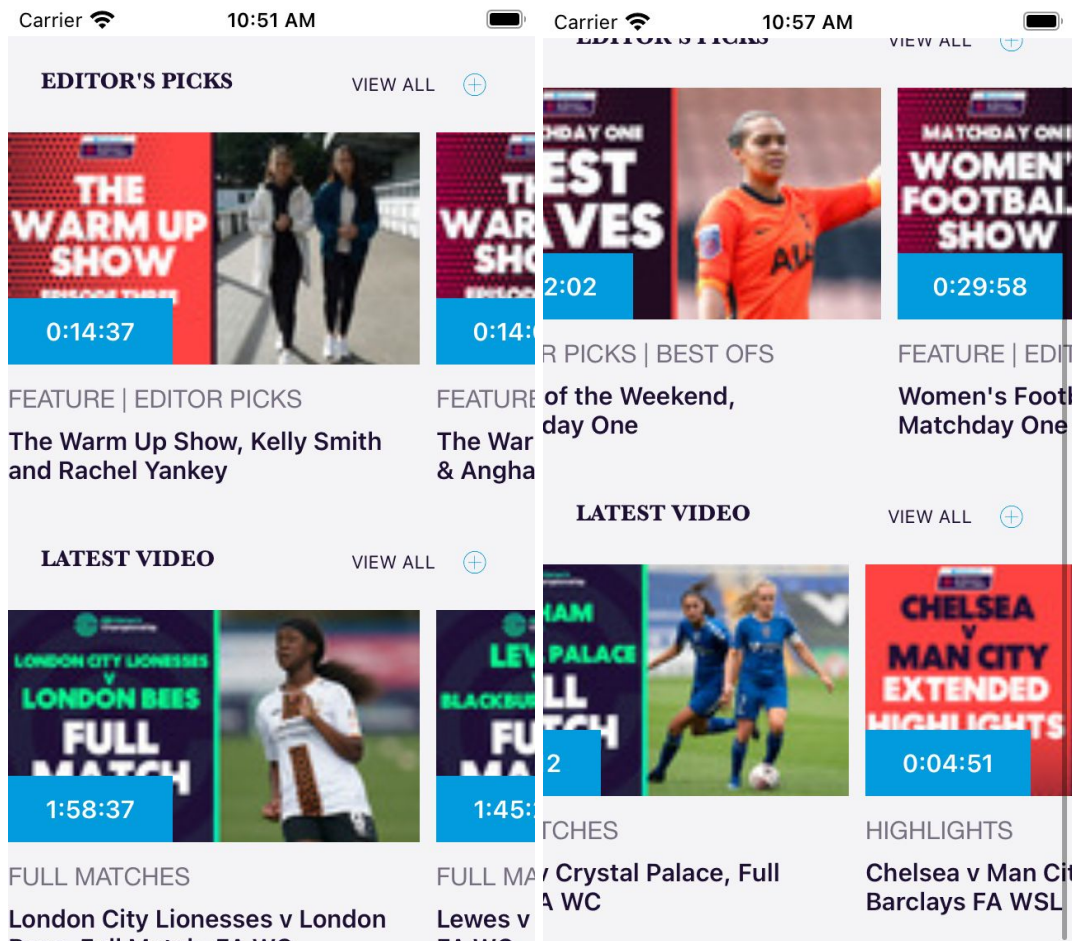
Features

1. Main feed view.

2. Error/ Success states handling.

3. Multi-scrollable (vertically and horizontally) list view based on customized CollectionViews.

4. Unit Testing

Architecture

1. Architecture of the app has been based on the MVVM design pattern.

2. The view consists of Feed ViewController (View layer) and its appropriate ViewModel.

3. Model layer (data) consists of models used for receiving data from the back-end.

4. Network layer has been implemented as the APIClient class that communicates with the back-end and provides access to particular endpoint through the REST architecture.

5. To make the app maintainable and testable I have decided to persuade (as much as possible) architectural style that provides a one-way direction of injecting dependencies. In this situation we can be sure that ViewController contains ViewModel, but ViewModel doesn't know about ViewController. Similarly ViewModel contains ApiClient.

6. Testing part of the app consists of Unit Testing. The classes that have been covered in this way are ViewModel and the TimeFormatter.

Screenshots

Please do not hesitate to ask in case of any further questions. I will be happy to clarify each uncertainty.

I hope you like my app.