

CHAPTER

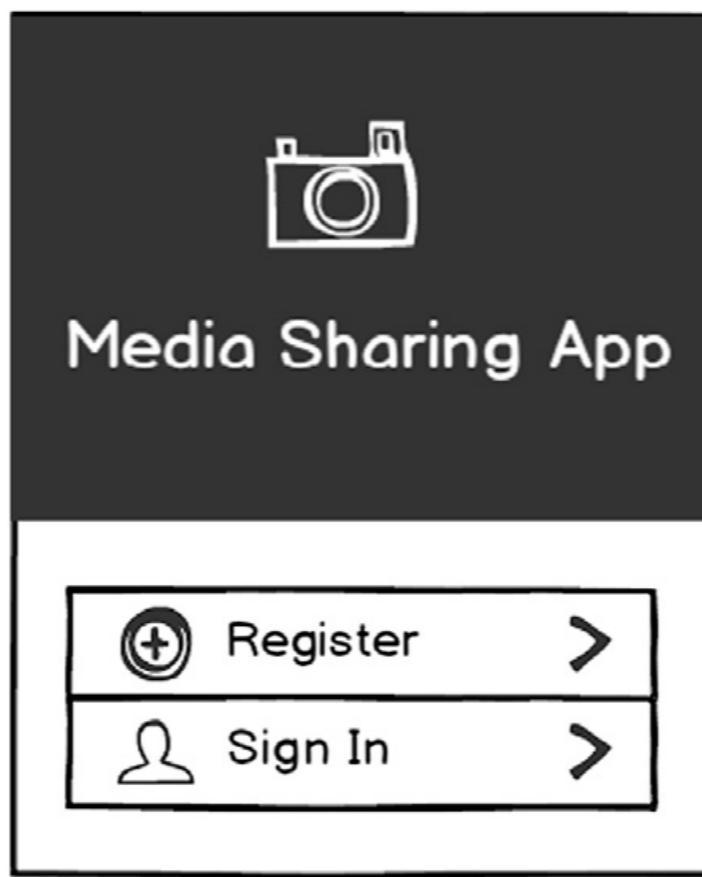
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IFML by examples

9

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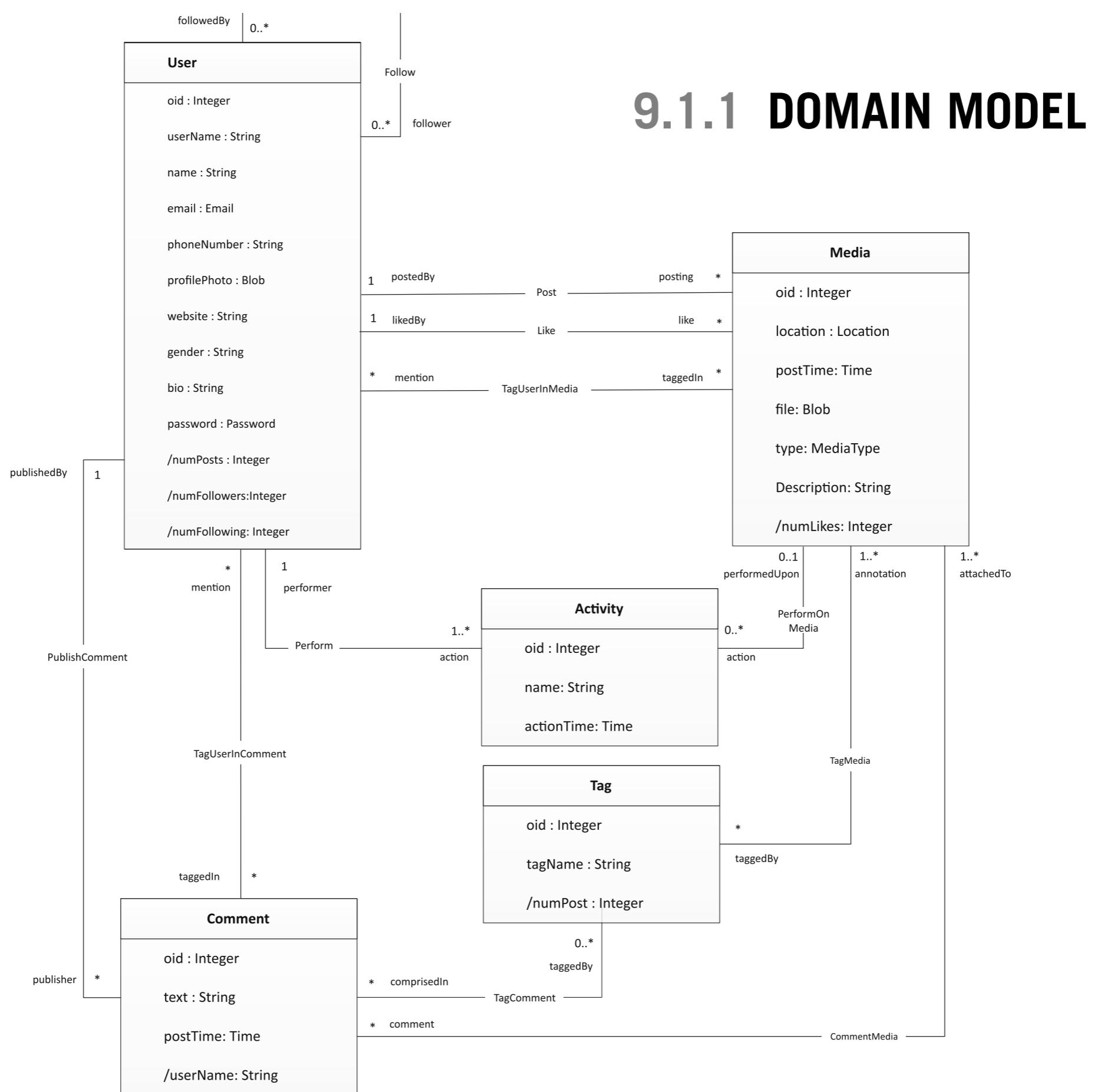
## **9.1 MEDIA SHARING APP**



**FIGURE 9.1**

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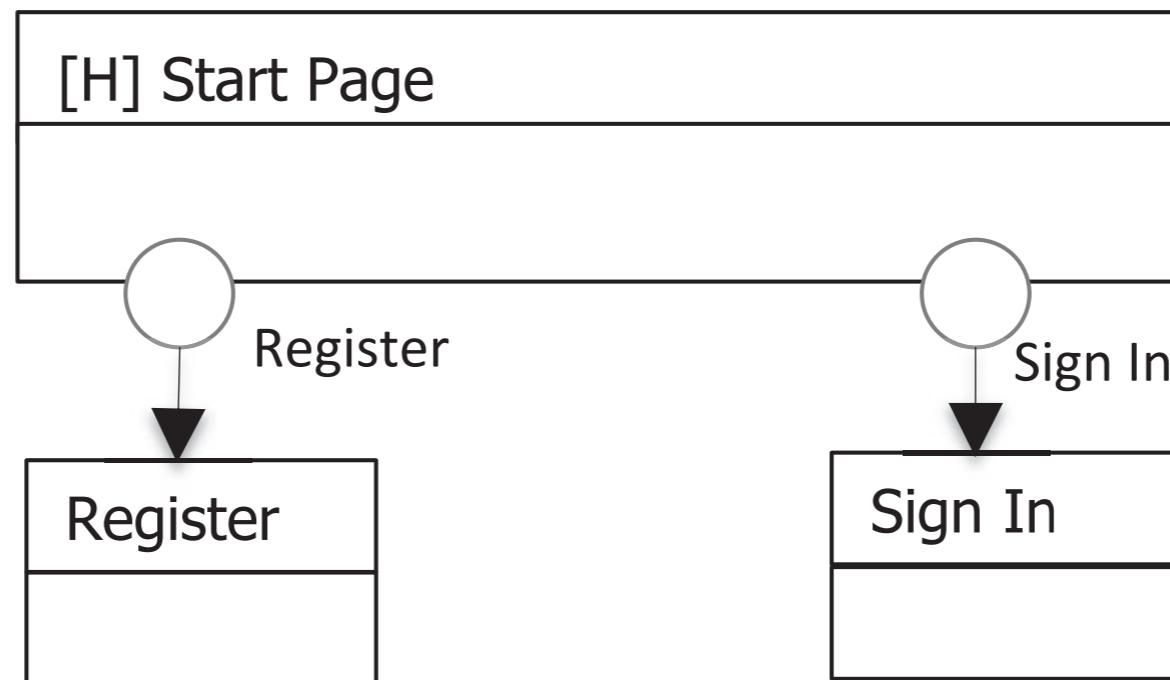
Initial screen of the media sharing app.



**FIGURE 9.2**

Domain model of the media sharing app.

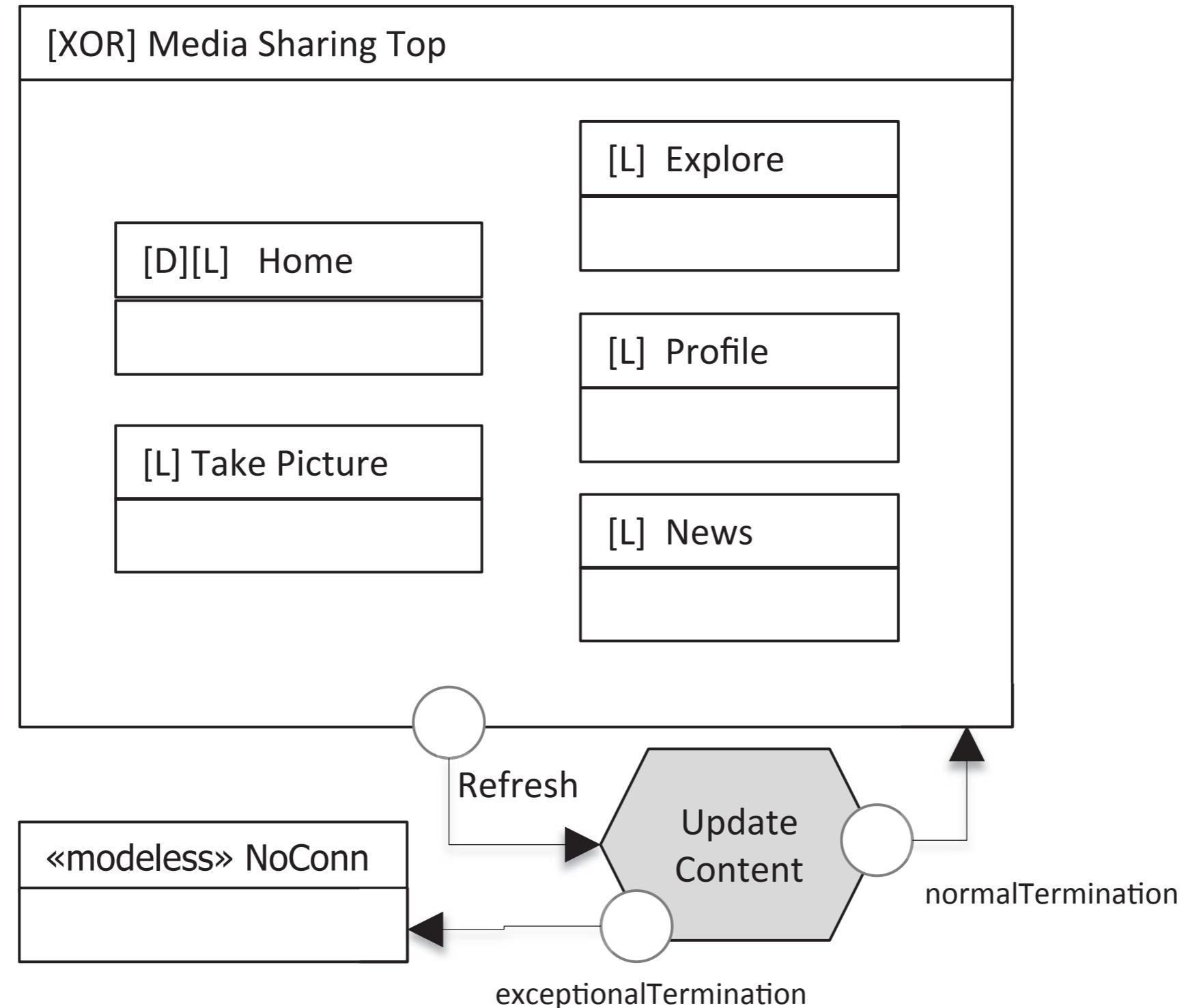
## 9.1.2 IFML MODEL



**FIGURE 9.3**

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IFML model of the start page.



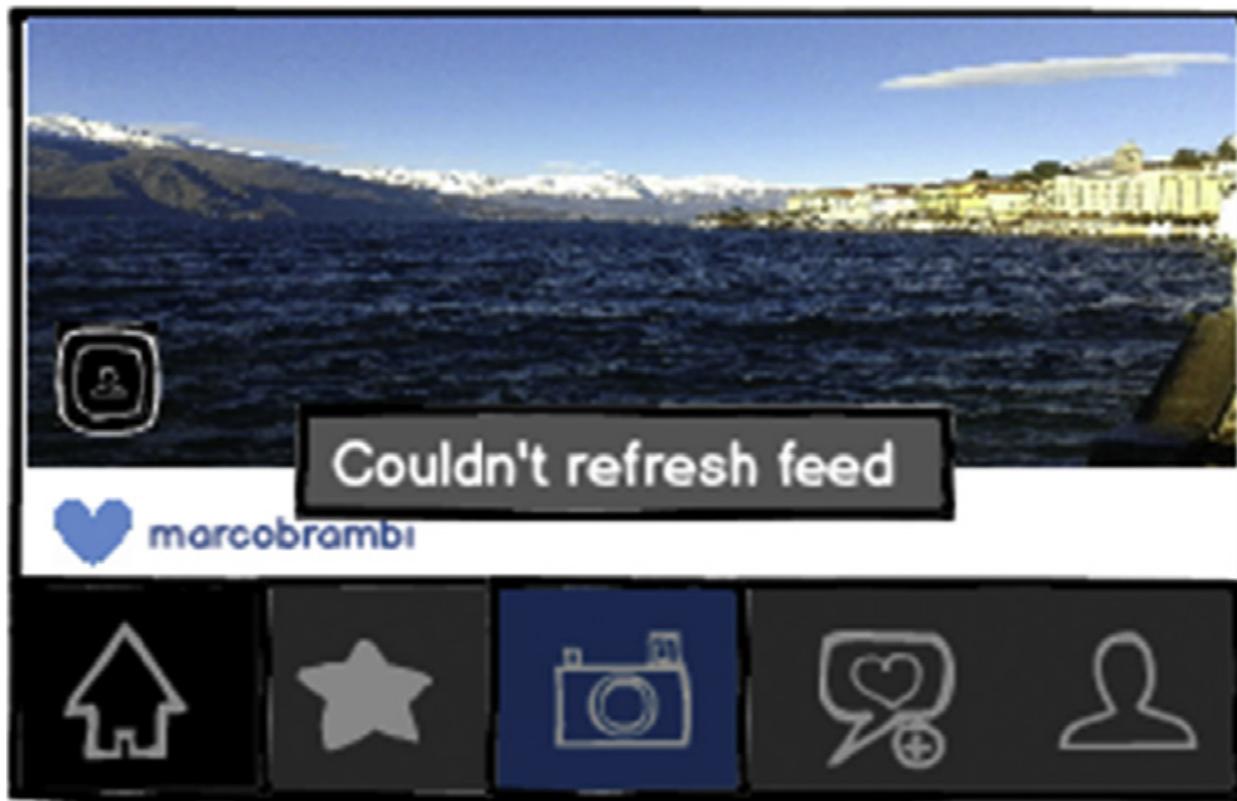
**FIGURE 9.4**

General organization of the interface of media sharing app.



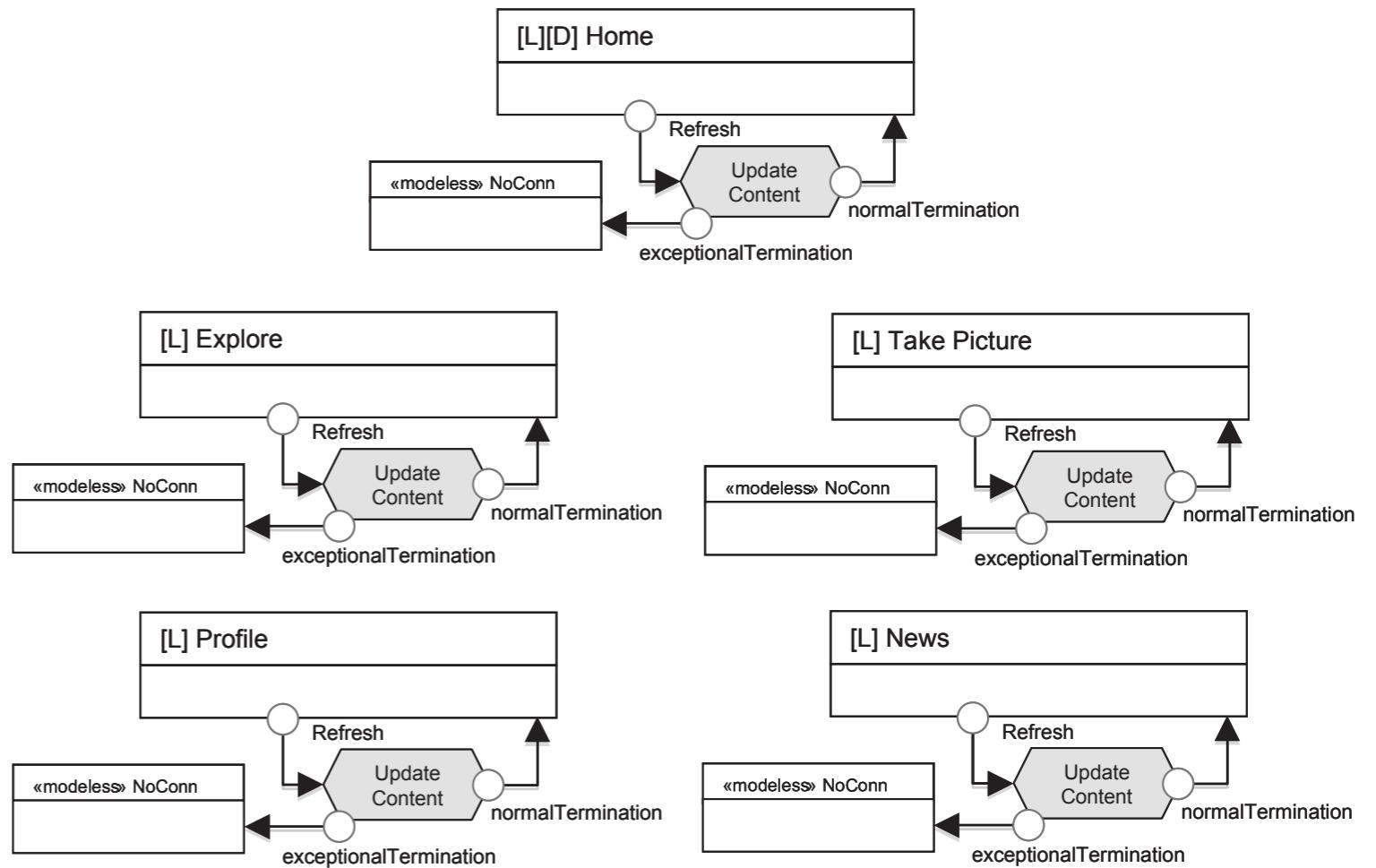
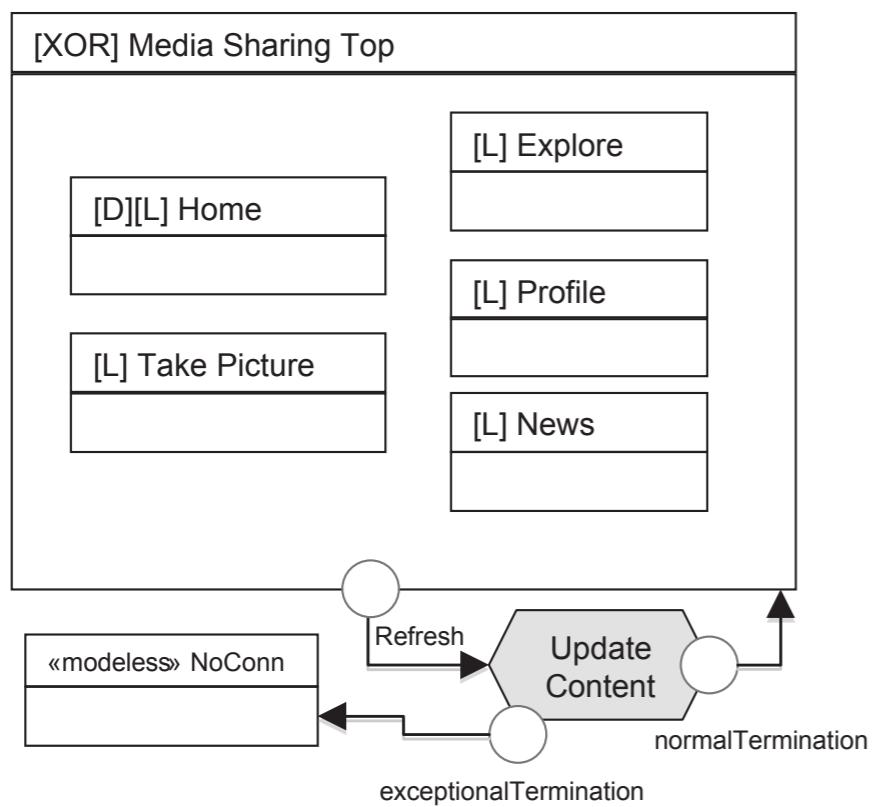
**FIGURE 9.5**

Menu for Landmark navigation.



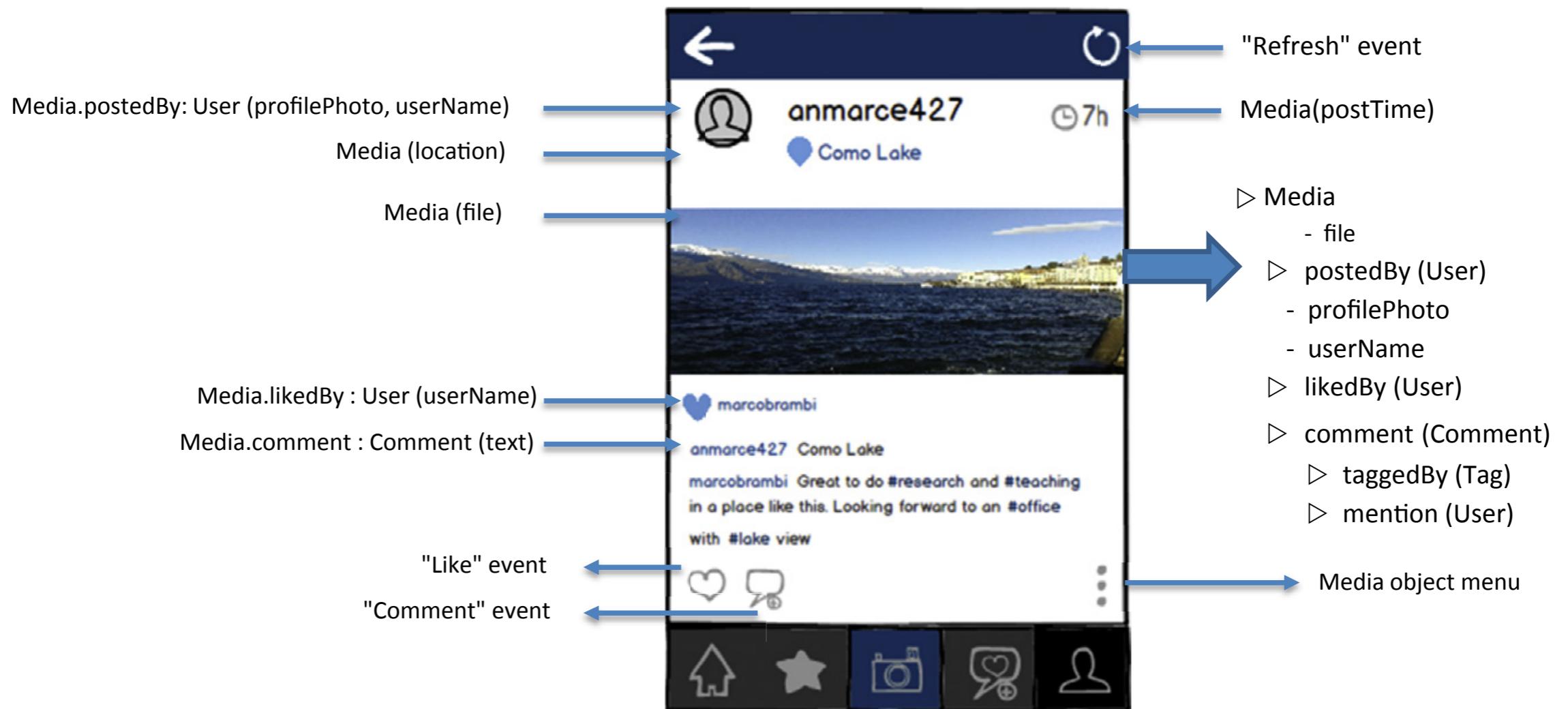
**FIGURE 9.6**

Modeless window showing the message for connection failure.



**FIGURE 9.7**

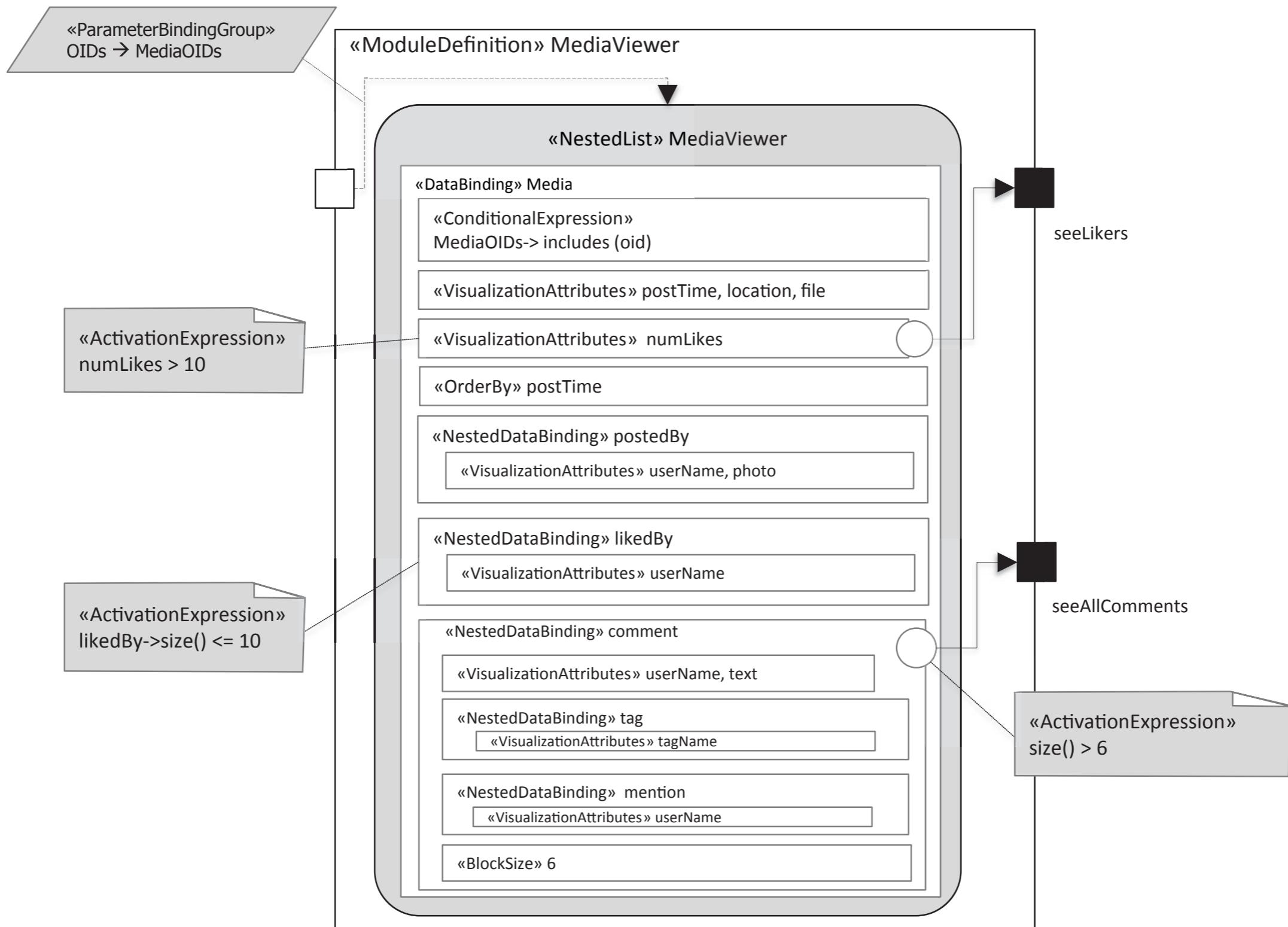
(a) ViewContainers nested within a XOR top-level ViewContainer. (b) Model with independent ViewContainers.



**FIGURE 9.8**

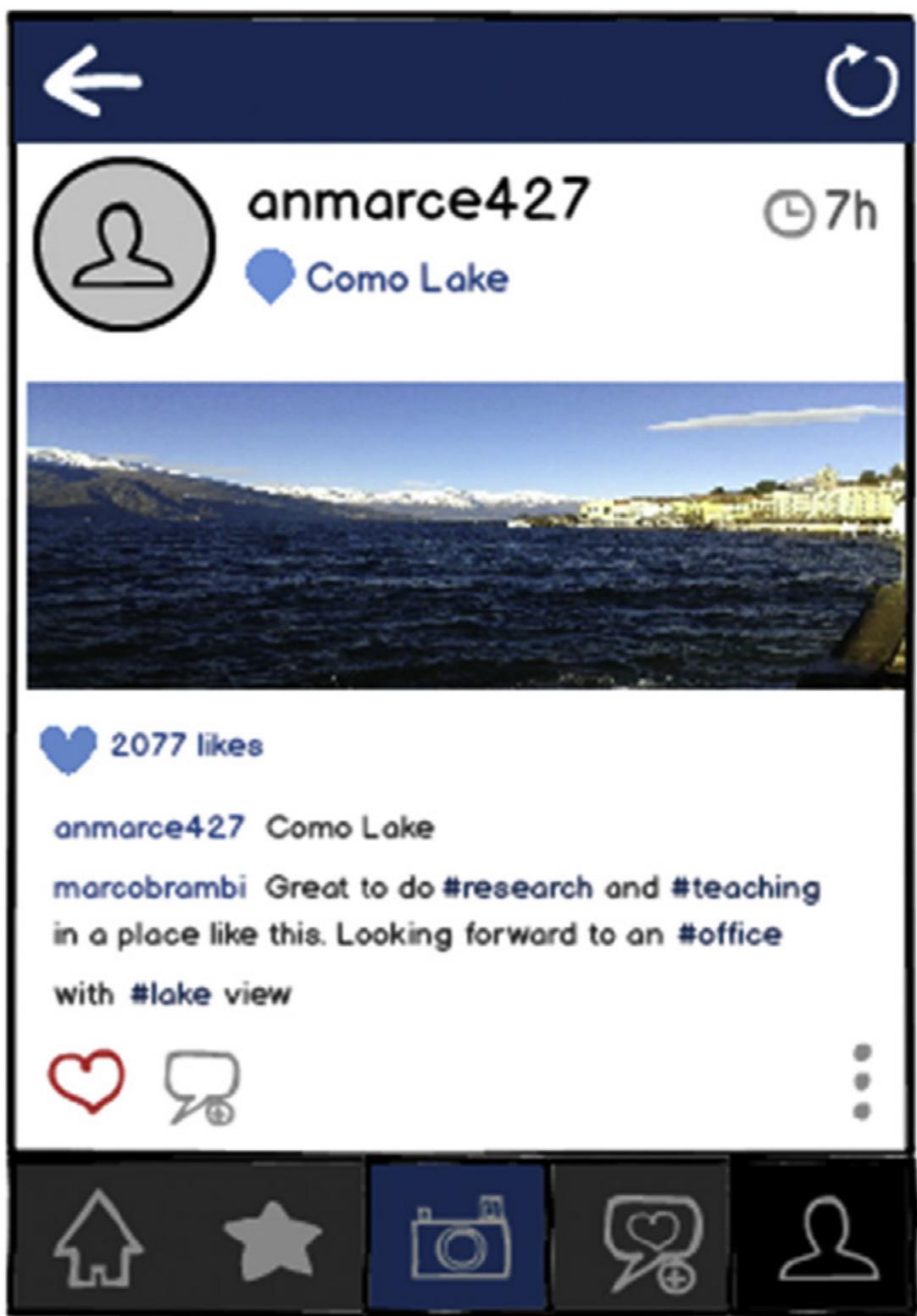
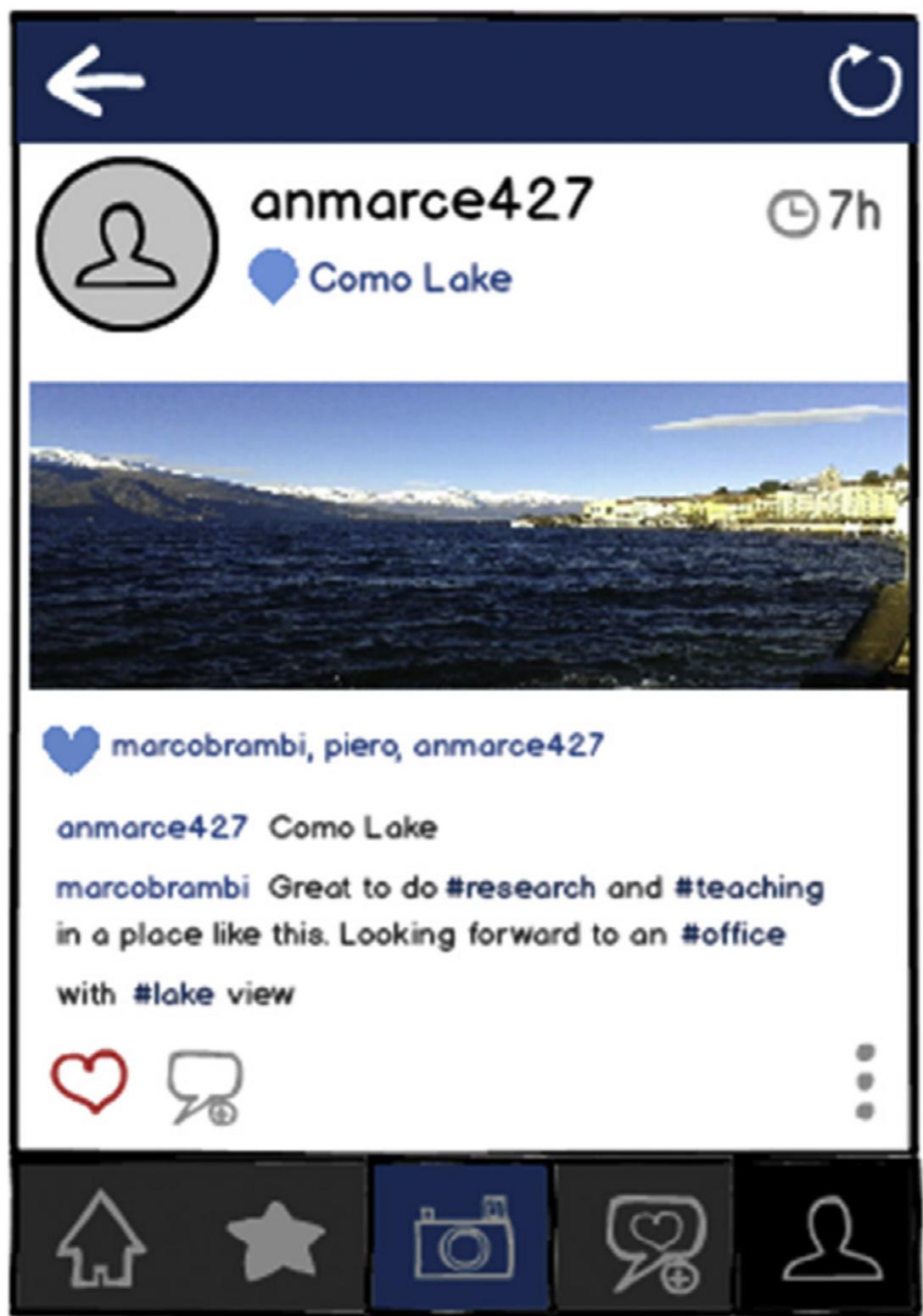
Content shown on the home page.

### 9.1.2.1 MediaViewer module



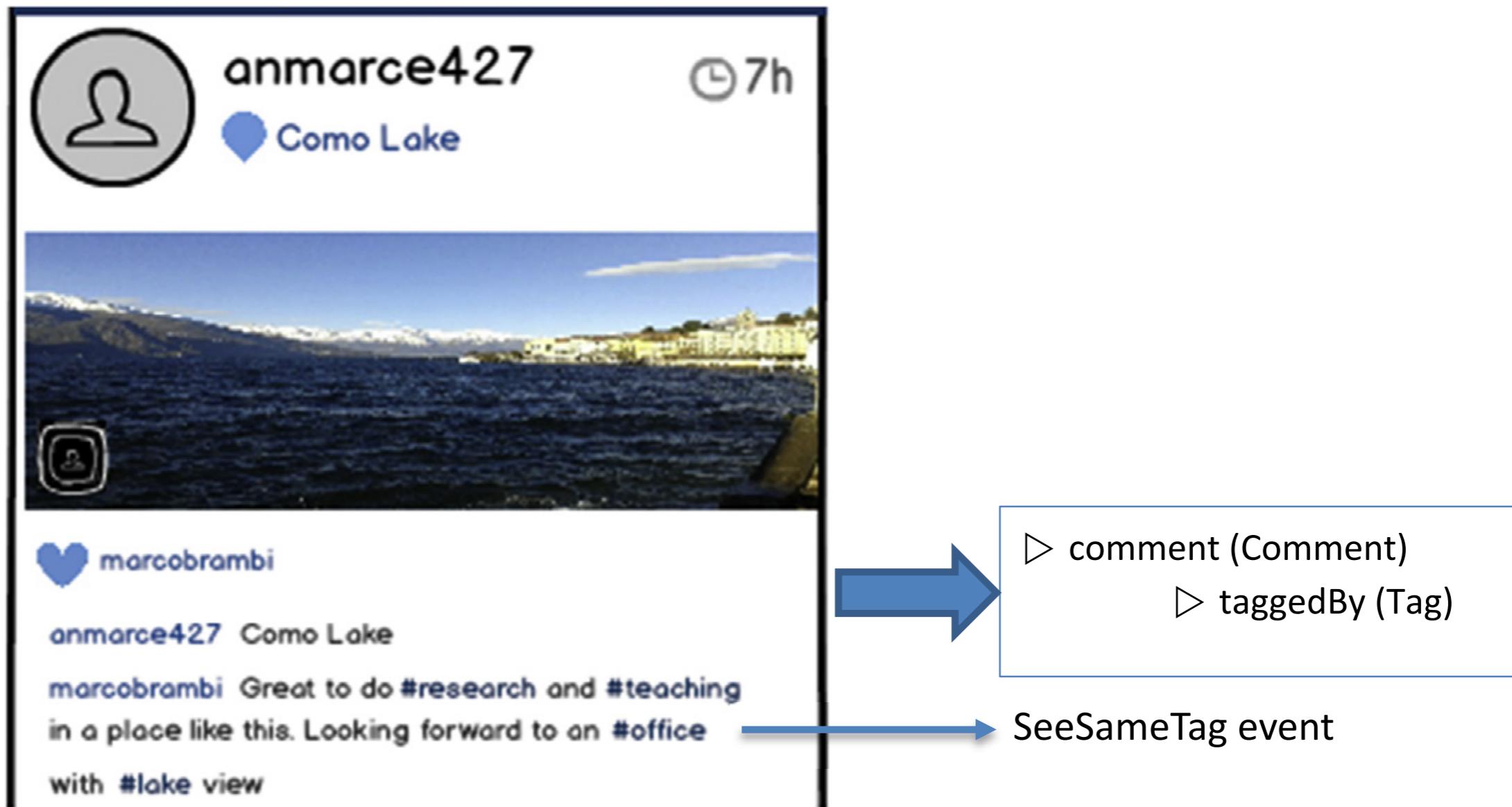
**FIGURE 9.9**

Initial model of the “MediaViewer” module.



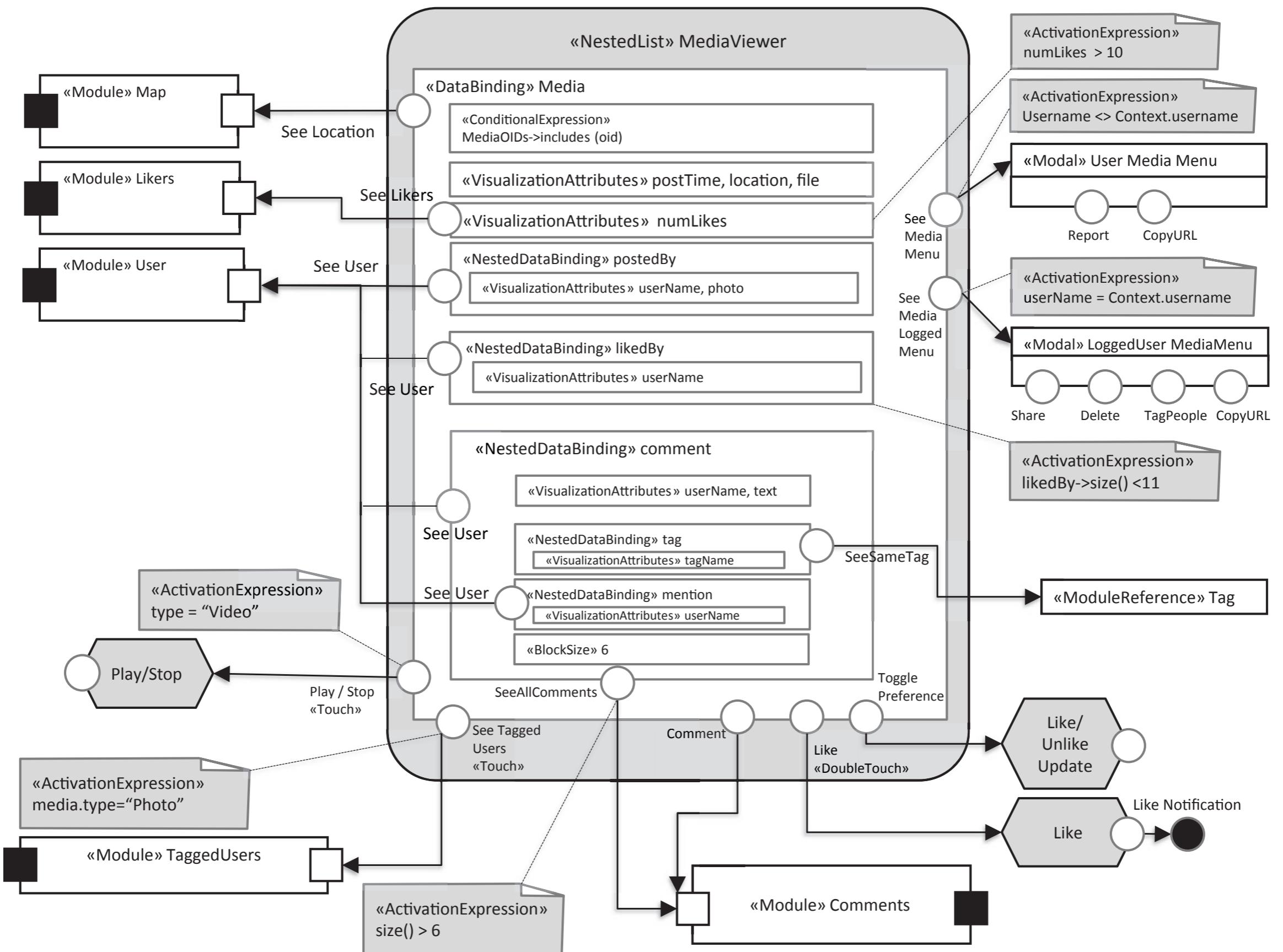
**FIGURE 9.10**

Visualization of the likers and of the number of likers. Interface when likers are fewer than 11 (left) and greater than 10 (right).



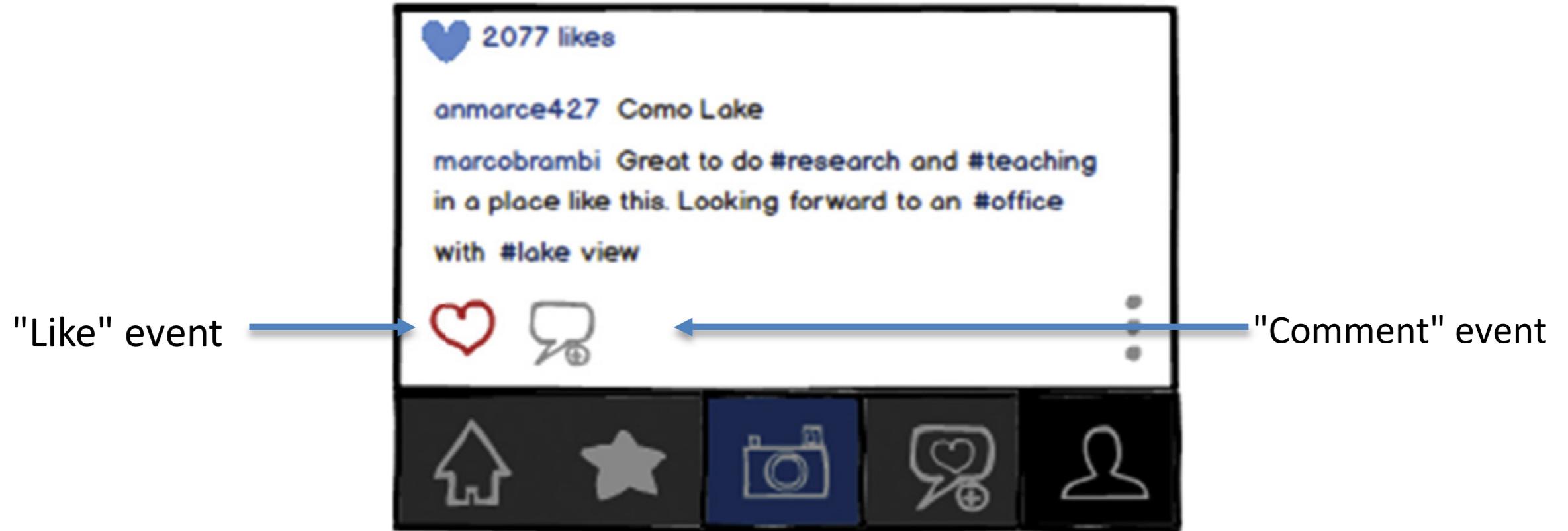
**FIGURE 9.11**

Visualization of the tags as clickable anchors within the text of the comment.



**FIGURE 9.12**

Refined model of the content and interactions of the "MediaViewer" module.



**FIGURE 9.13**

Command for toggling the “like” status and commenting. A double touch on the object casts a like on it.

## 9.1.2.2 *Comments module*

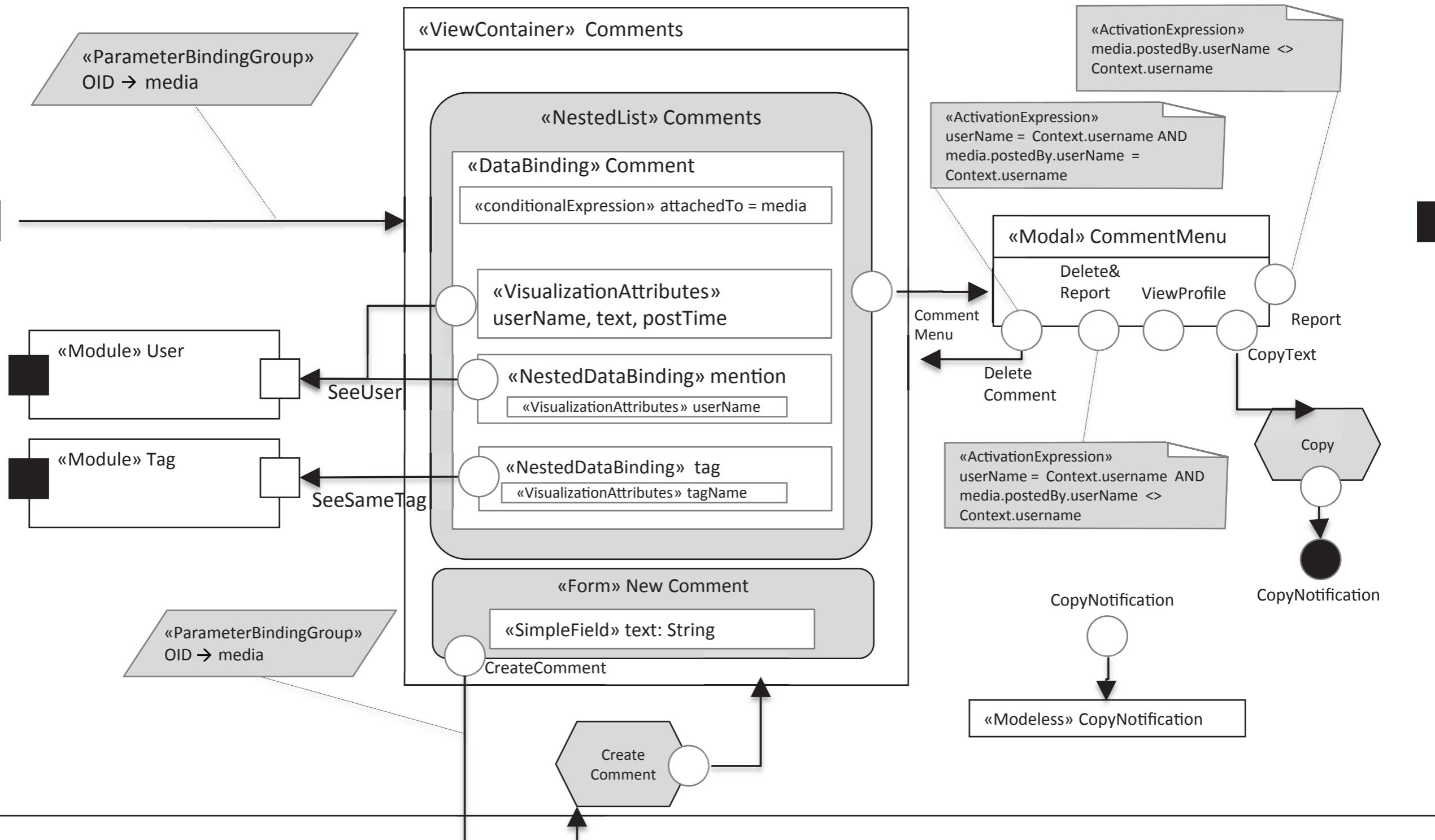


**FIGURE 9.14**

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Interface for accessing and manipulating comments of a media object.

## «ModuleDefinition» Comments



**FIGURE 9.15**

Model of the interface for accessing and manipulating comments of a media object.



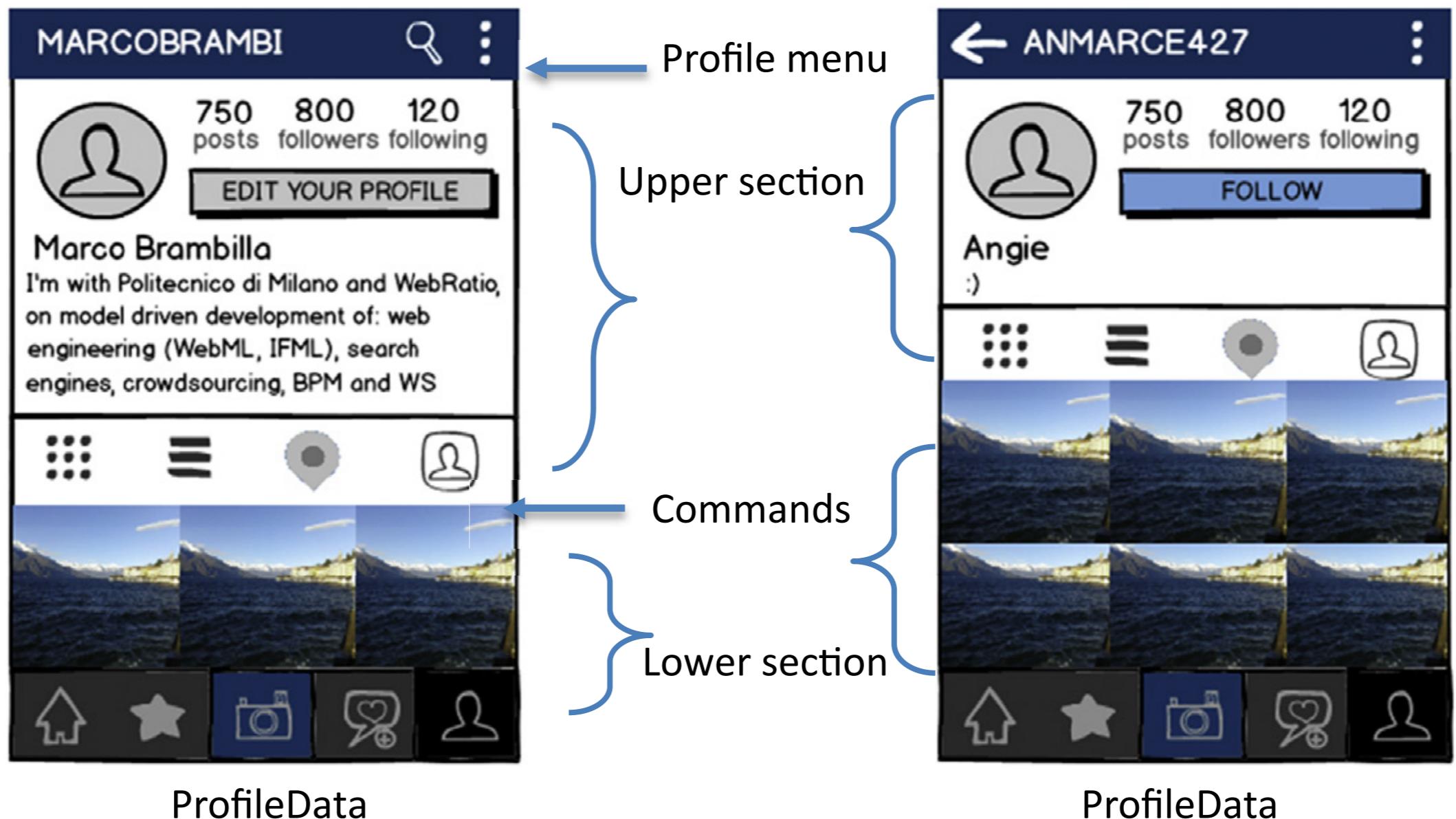
**FIGURE 9.16**

Menu when the comment belongs to the logged user (left) or to another user (middle, right).



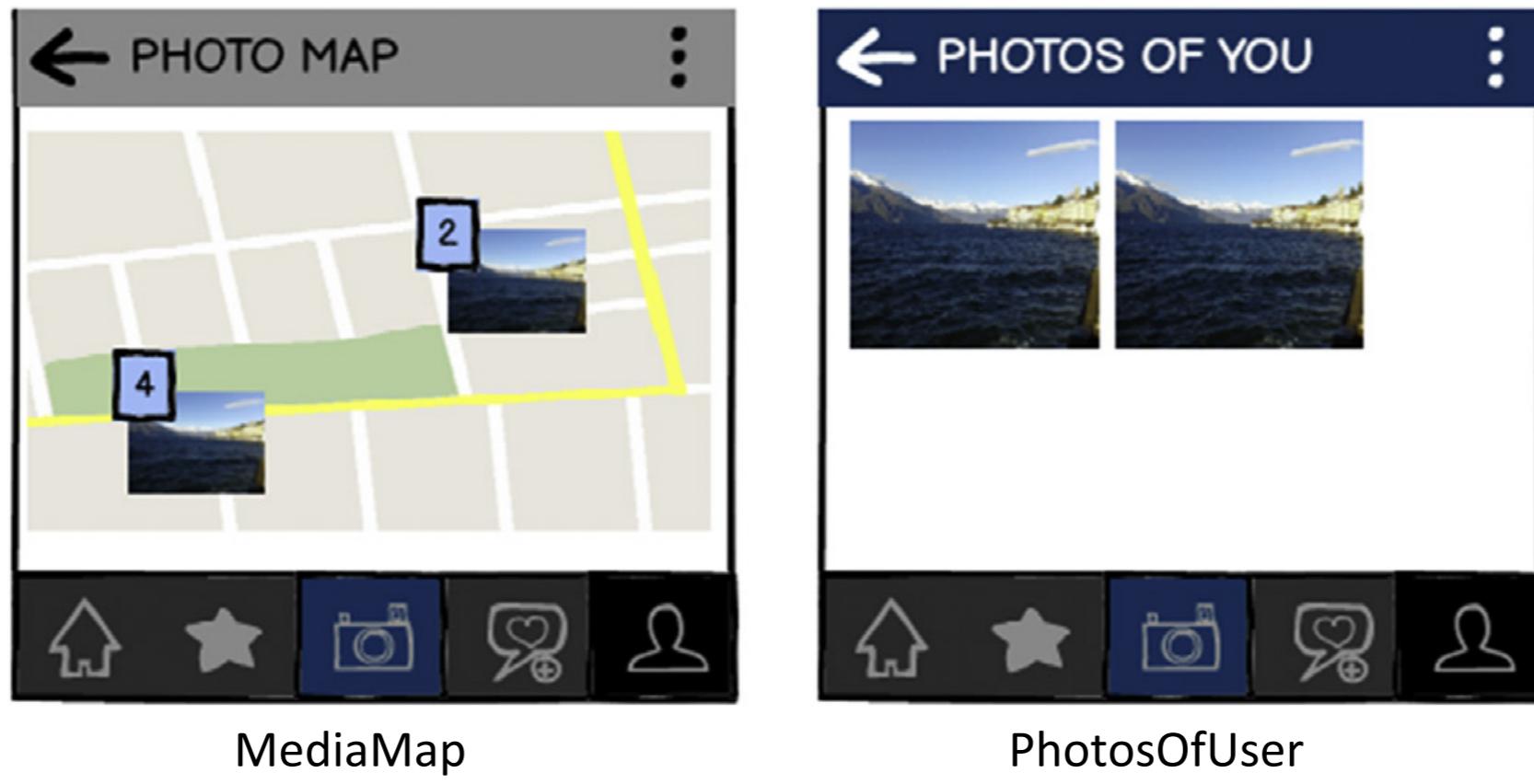
**FIGURE 9.17**

Pop-up window triggered by the system event for the notification of the “CopyText” Action.



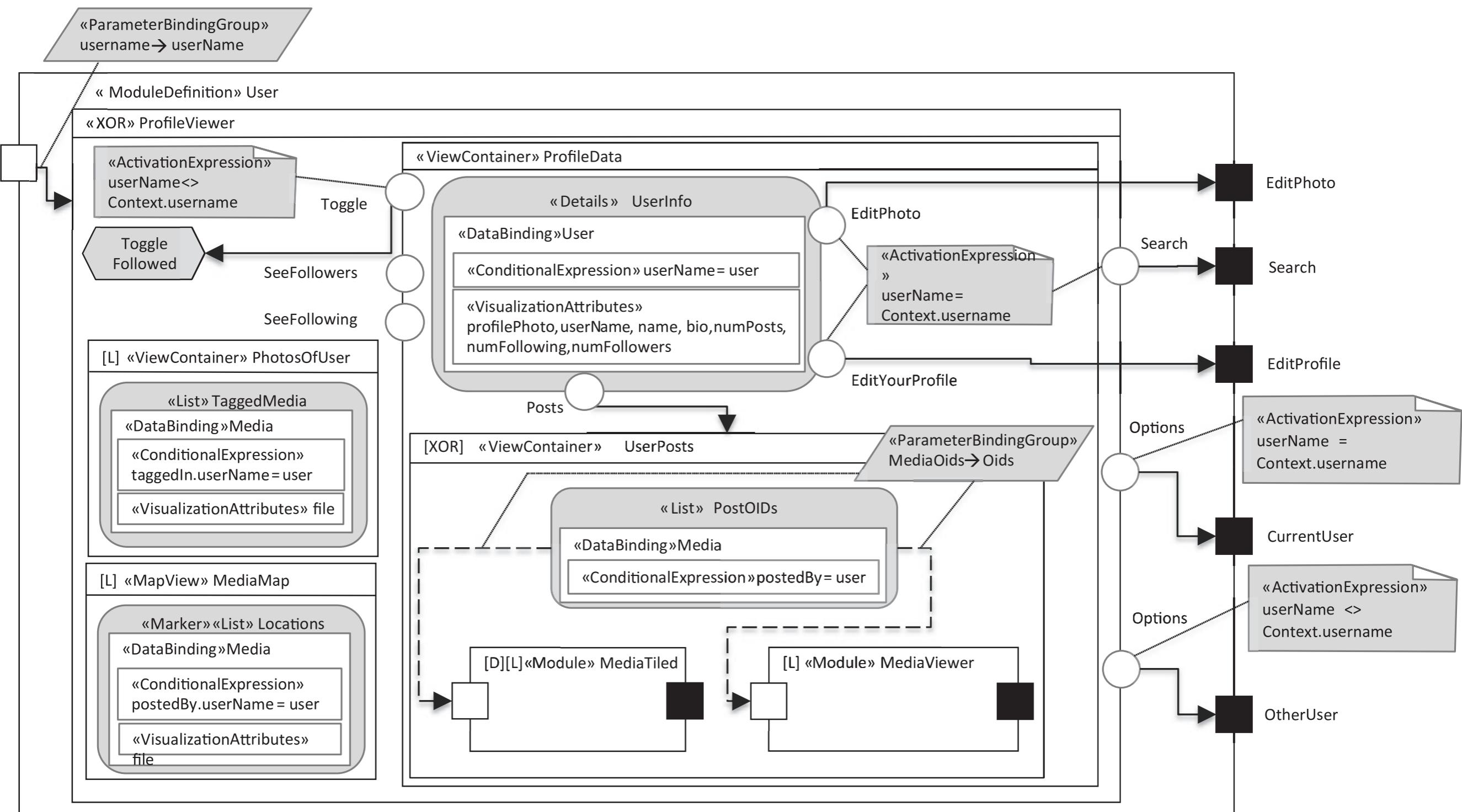
**FIGURE 9.18**

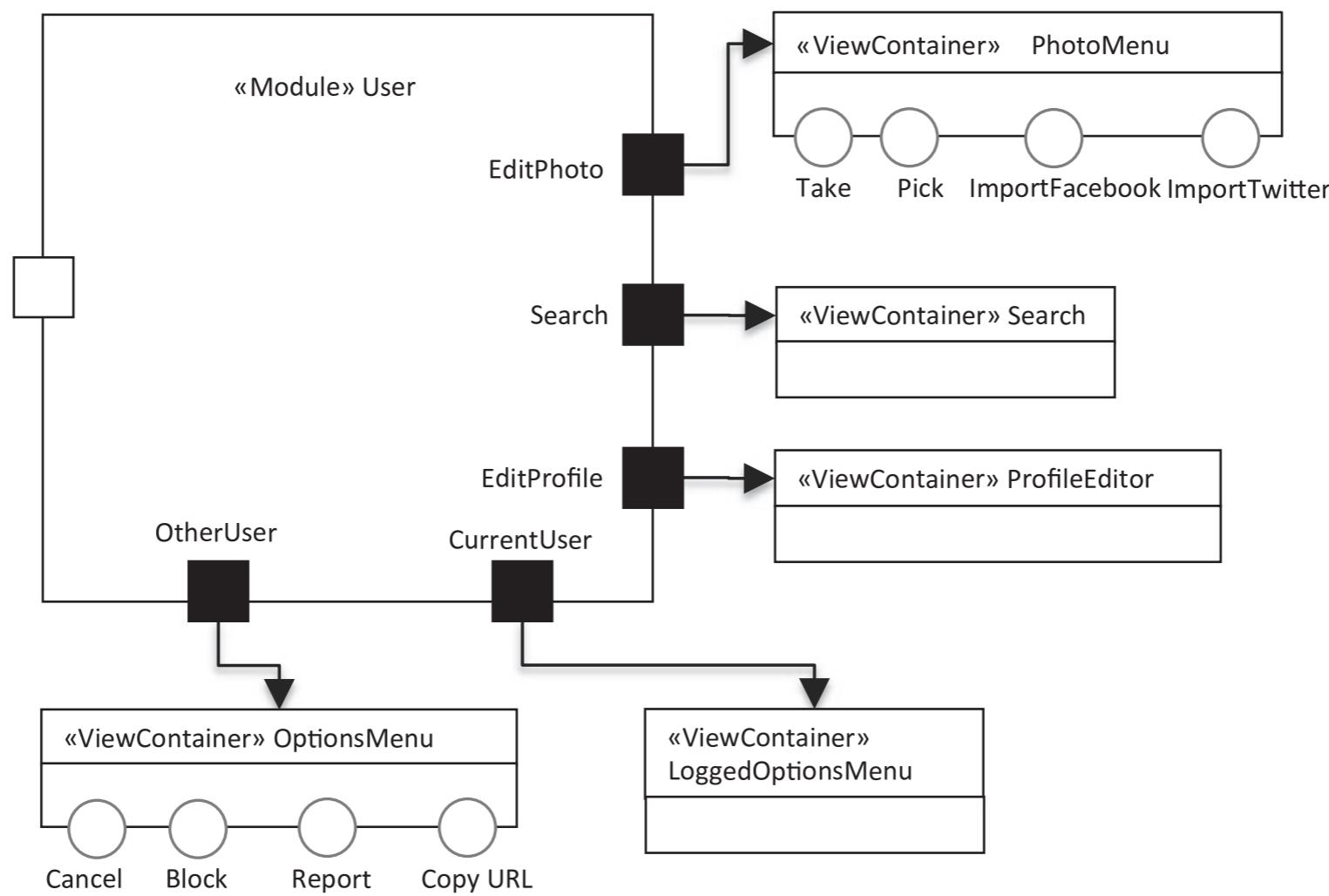
Interface of the user profile: logged-in (left) and not logged-in (right).



**FIGURE 9.19**

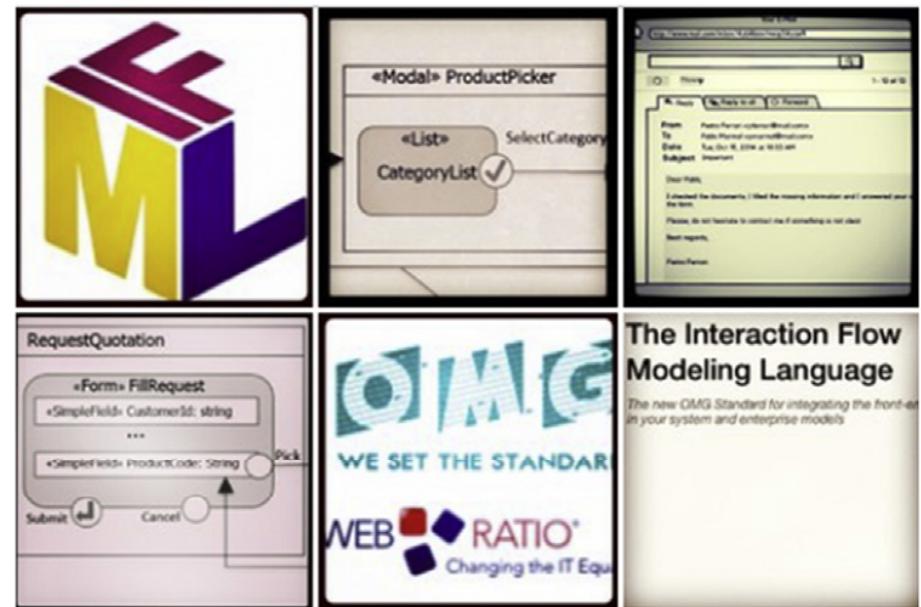
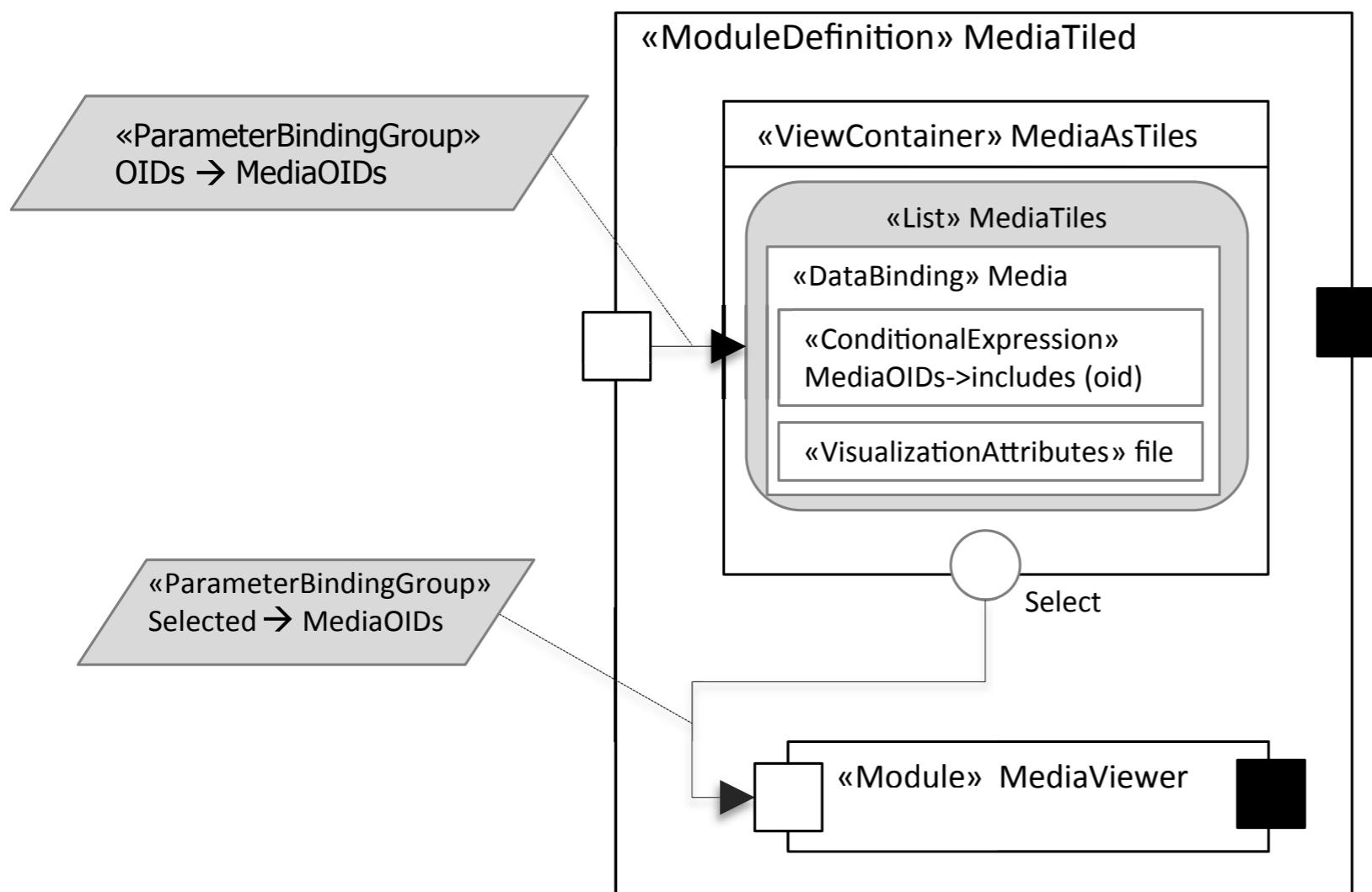
Full-screen display of the posts on the map (left) and of the media objects where the user has been tagged (right).





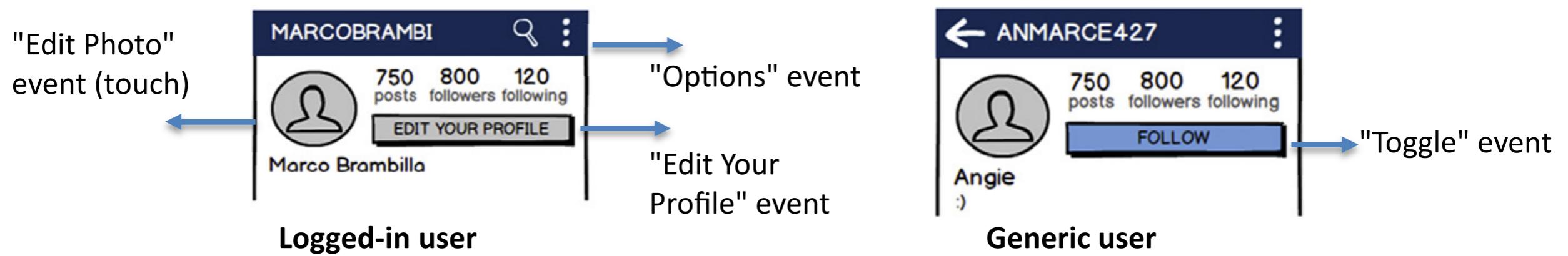
## FIGURE 9.20

Specification of the “User” ModuleDefinition and its reuse as “User” Module.



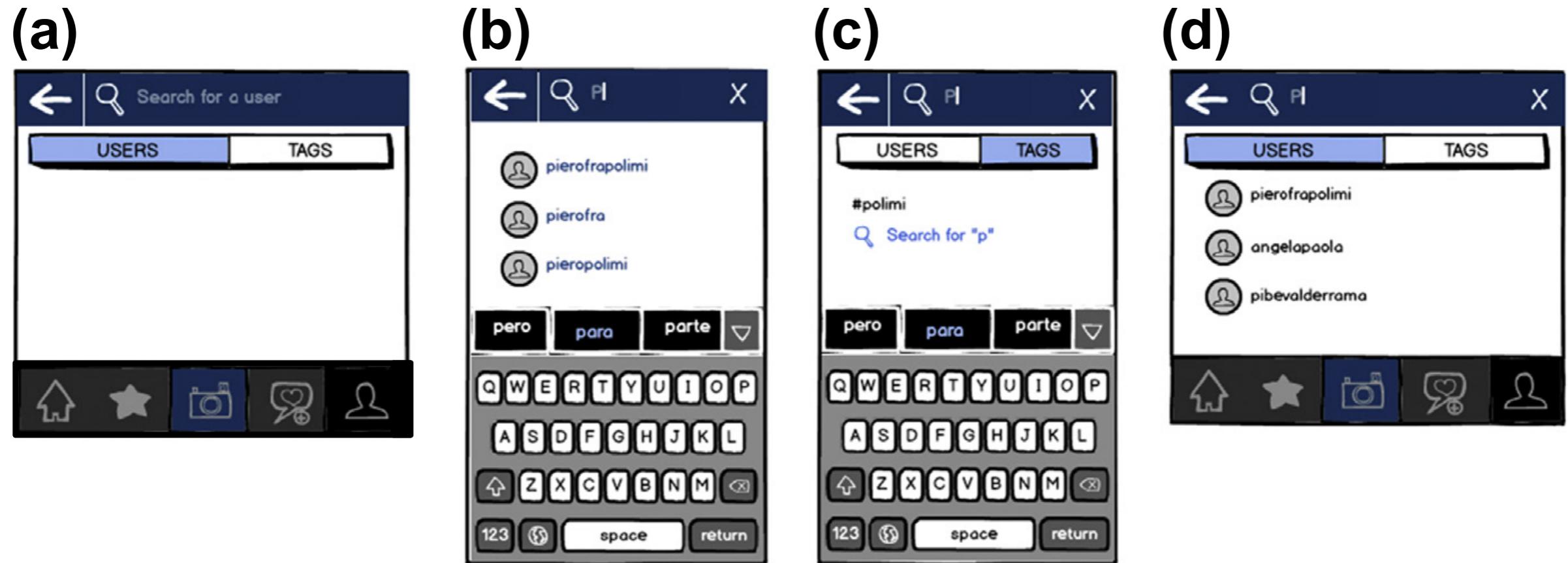
**FIGURE 9.21**

Model of the “MediaTiled” module showing a compact representation of a set of media objects.



**FIGURE 9.22**

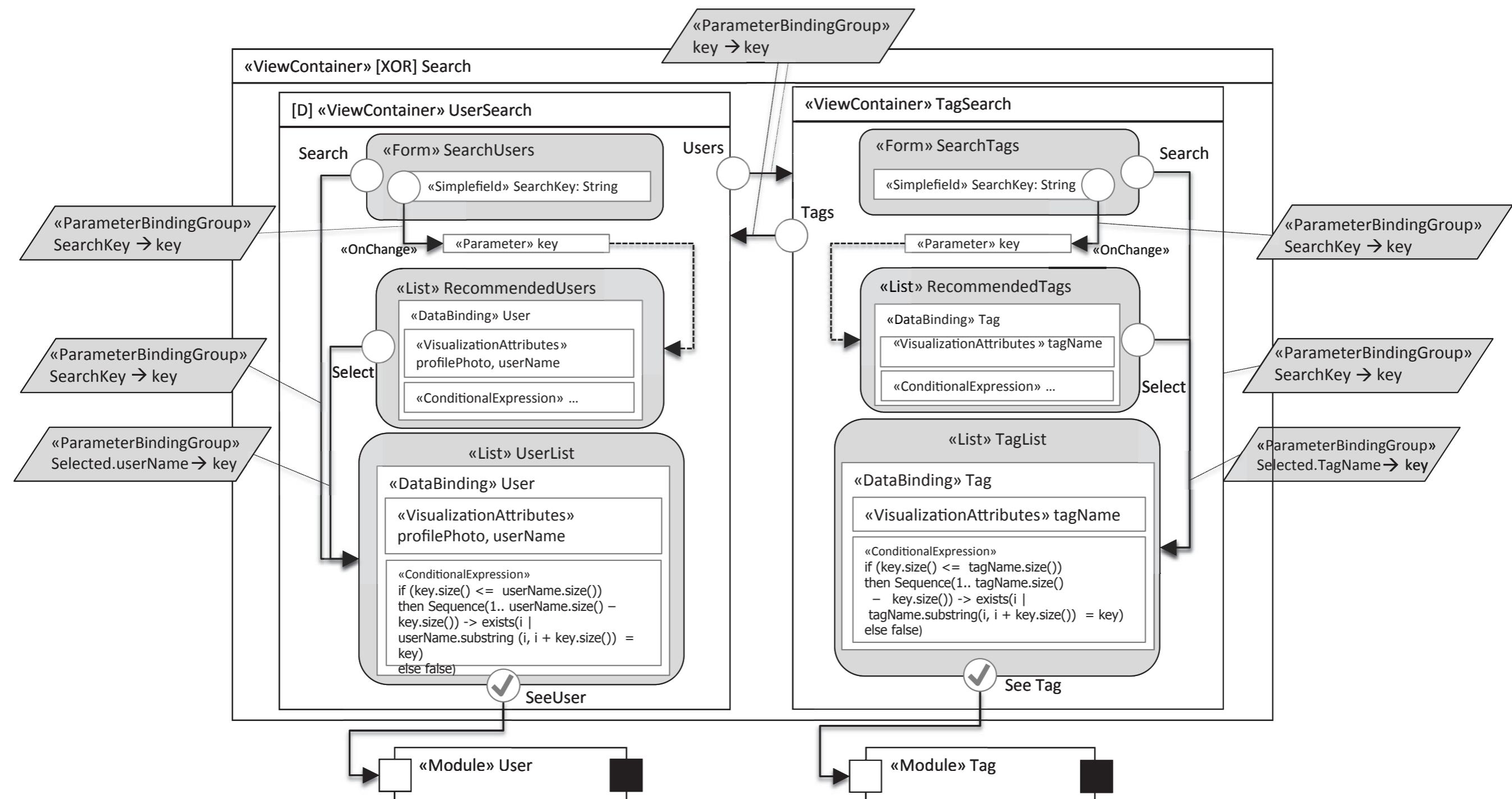
Alternative commands when the interface displays the logged-in or a generic user.



**FIGURE 9.23**

Interface for people and tag searches: empty search for users (a); suggested users matching the input (b); suggested tags matching the same characters (c); and the result of the search for users (d).

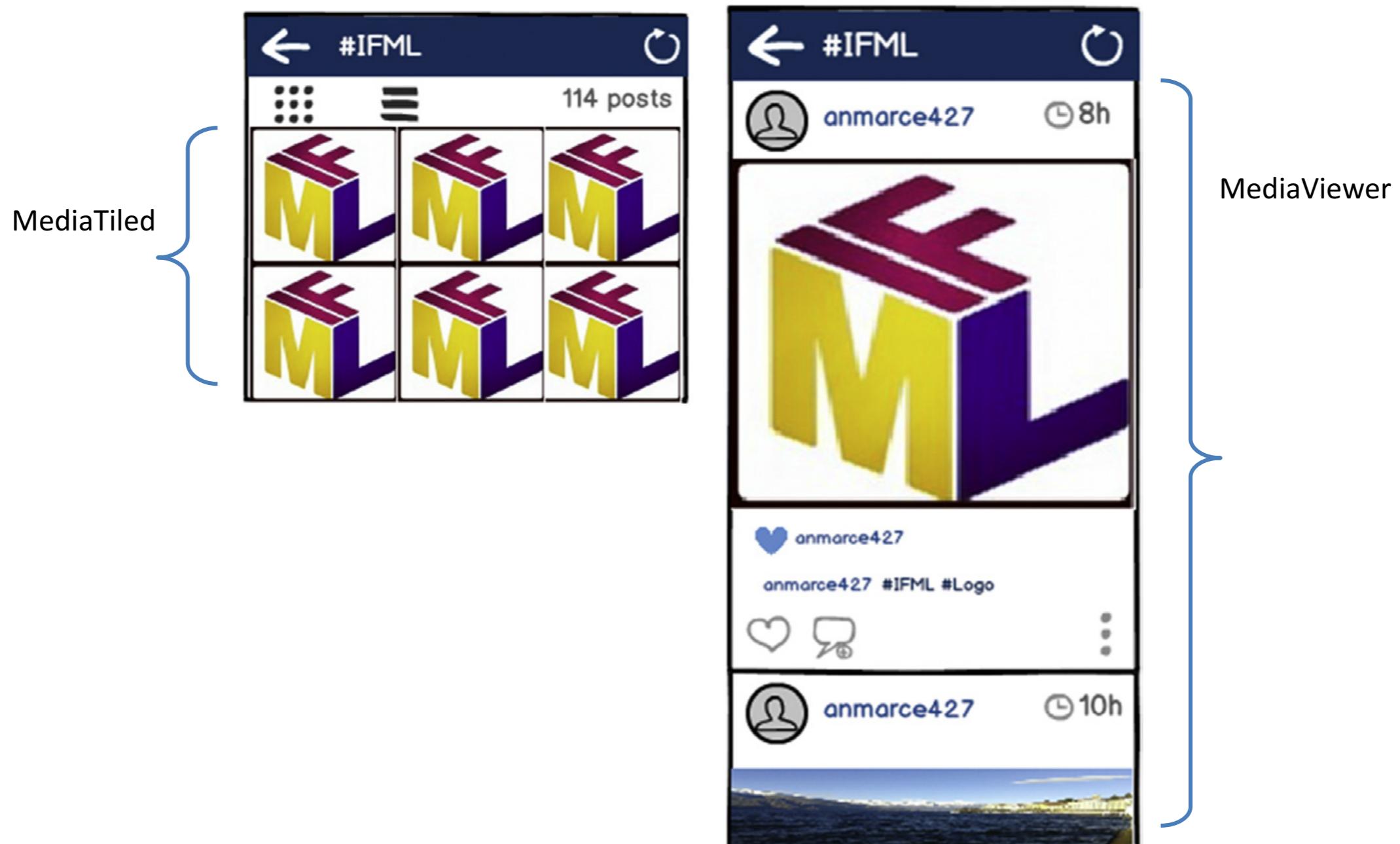
## 9.1.2.4 Search users and tags



**FIGURE 9.24**

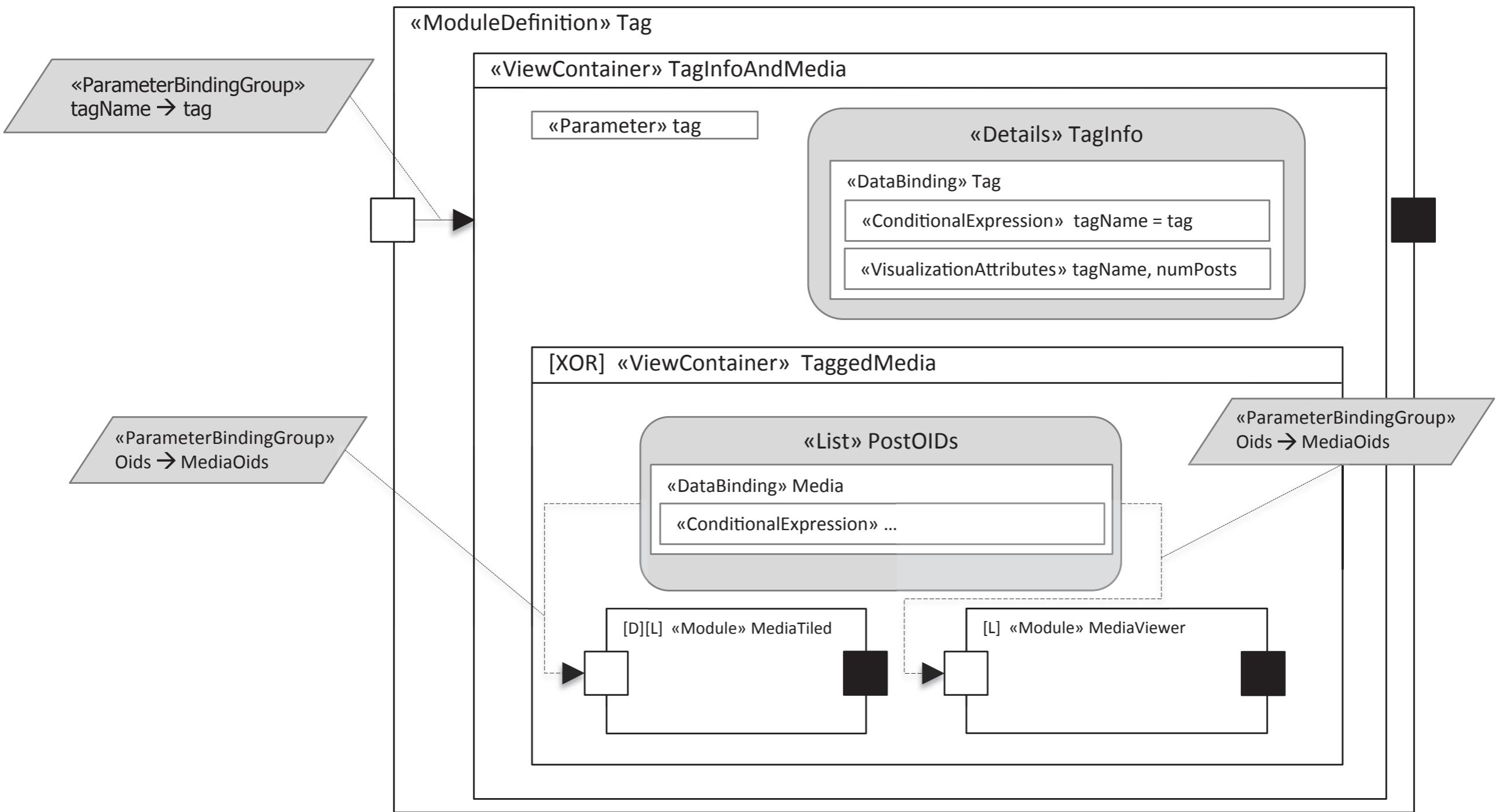
Model of the search interface for users and tags.

### 9.1.2.5 Tag module



**FIGURE 9.25**

Interface for the media objects qualified by a tag: tiled (left) and vertically scrolled display (right).



**FIGURE 9.26**

Model of the interface for accessing the media objects qualified by a tag.