

# SHOWROOM

## Design Document

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## **Modifications:**

For the submission that was made by the end of December we had to re-design the CRC Cards and the Sequence Diagrams, as we had, in our opinion, a poor design from the previous iteration ('TGIVIAL' team). These modifications were critical, as having a well-designed CRC Cards is essential in order to continue with the Sequence, Activity and Use Case Diagrams, so this led us to a delay in the delivery of the project.

## **CRC Cards:**

Login Interface	
<ul style="list-style-type: none"><li>- Display Login Page</li><li>- (UC9) Sign in</li><li>- (UC10) Login</li><li>- (UC10) Start session</li><li>- (UC17) Help</li><li>- (UC15) Change language</li><li>- (UC5) Report error</li></ul>	<ul style="list-style-type: none"><li>- User API</li><li>- User API</li><li>- User Interface / Admin Interface</li><li>- Customer service</li><li>- Reports API</li></ul>

User Interface	
<ul style="list-style-type: none"><li>- Display User Interface (UC1.a, UC1.b)</li><li>- (UC25) Films</li><li>- (UC26) Users</li><li>- (UC16) Forum</li><li>- (UC14) Access profile</li><li>- (UC5) Report error</li><li>- (UC17) Help</li><li>- (UC11) Log out</li></ul>	<ul style="list-style-type: none"><li>- User API (UC1.b), Reports API (UC1.a)</li><li>- Films Browser</li><li>- User Browser</li><li>- Forum</li><li>- User Browser</li><li>- Reports API</li><li>- Customer service</li></ul>

Admin Interface	
<ul style="list-style-type: none"><li>- Display Admin Interface</li><li>- (UC25) Films</li><li>- (UC26) Users</li><li>- (UC16) Forum</li><li>- (UC27) Reports</li><li>- (UC5) Report error</li><li>- (UC17) Help</li><li>- (UC11) Log out</li></ul>	<ul style="list-style-type: none"><li>- Films Browser</li><li>- User Browser</li><li>- Forum</li><li>- Reports</li><li>- Reports API</li><li>- Customer service</li></ul>

Customer Service	
<ul style="list-style-type: none"> <li>- Display Customer Service</li> <li>- Select problem category</li> <li>- (UC17) Connect online-employee</li> <li>- (UC5) Report error</li> </ul>	<ul style="list-style-type: none"> <li>- Service API</li> <li>- Reports API</li> </ul>

Service API	
<ul style="list-style-type: none"> <li>- Show help</li> </ul>	

Forum	
<ul style="list-style-type: none"> <li>- Display forum</li> <li>- (UC6) Create topic</li> <li>- (UC23) Search topic</li> <li>- (UC24) Browse topic</li> <li>- (UC7.b) Rate comment</li> <li>- (UC29) Access topic</li> <li>- (UC12) Report comment</li> <li>- (UC7.a) Post comment</li> <li>- (UC2, UC4) Delete topic</li> <li>- (UC2, UC4) Delete comment</li> <li>- (UC5) Report error</li> <li>- (UC14) Access profile</li> <li>- (UC17) Help</li> <li>- Exit</li> </ul>	<ul style="list-style-type: none"> <li>- User API (check user/admin)</li> <li>- Forum API, User API</li> <li>- Forum API</li> <li>- Forum API</li> <li>- Forum API, User API</li> <li>- Forum API</li> <li>- User API, Reports API</li> <li>- Forum API, User API</li> <li>- Forum API, User API</li> <li>- Forum API, User API</li> <li>- Reports API</li> <li>- User Browser</li> <li>- Customer service</li> </ul>

Forum API	
<ul style="list-style-type: none"> <li>- (UC29, UC23, UC24) Show topic/s</li> <li>- (UC6) Add Topic</li> <li>- (UC2, UC3.c, UC4) Delete topic</li> <li>- (UC7.a) Add comment</li> <li>- (UC2, UC4) Delete comment</li> <li>- (UC7.b) Add comment-rate</li> </ul>	

Film Browser	
<ul style="list-style-type: none"> <li>- Display browser</li> <li>- (UC22) Search Films</li> <li>- (UC21) Browse Films</li> <li>- (UC8) Rate film</li> <li>- (UC30) Access film</li> <li>- (UC29) Access topic</li> <li>- (UC14) Access profile</li> <li>- (UC3.a) Add film</li> <li>- (UC3.c) Delete film</li> <li>- (UC3.b) Edit film</li> <li>- (UC5) Report error</li> <li>- (UC17) Help</li> <li>- Exit</li> </ul>	<ul style="list-style-type: none"> <li>- User API (check user/admin)</li> <li>- Films API</li> <li>- Films API</li> <li>- Films API, User API</li> <li>- Films API</li> <li>- Forum</li> <li>- User Browser</li> <li>- Films API</li> <li>- Films API</li> <li>- Films API</li> <li>- Reports API</li> <li>- Customer service</li> </ul>

Films API	
<ul style="list-style-type: none"> <li>- (UC21, UC22, UC30) Show film/s</li> <li>- (UC3.a) Add film</li> <li>- (UC3.b) Edit film</li> <li>- (UC3.c) Delete film</li> <li>- (UC8) Add rate</li> </ul>	<ul style="list-style-type: none"> <li>- Reports API (UC2.a)</li> <li>- Reports API (UC2.a)</li> <li>- Reports API (UC2.a)</li> </ul>

User Browser	
<ul style="list-style-type: none"> <li>- Display browser</li> <li>- (UC20) Ban user</li> <li>- (UC13) Search User</li> <li>- (UC14) Access profile</li> <li>- (UC18) Add friend</li> <li>- (UC19) Block user</li> <li>- (UC5) Report error</li> <li>- (UC28) Edit profile</li> <li>- (UC17) Help</li> <li>- Exit</li> </ul>	<ul style="list-style-type: none"> <li>- User API (check user/admin)</li> <li>- User API</li> <li>- User API</li> <li>- User API</li> <li>- User API</li> <li>- User API</li> <li>- Reports API</li> <li>- User API</li> <li>- Customer service</li> </ul>

# User API

- (UC9) Add User
- (UC10) Check User
- (UC20) Ban user
- (UC12) Add comment report to history
- (UC14) Show timeline
- (UC1.b) Show friends' timelines
- (UC13, UC14) Show user/s
- (UC8) Add film rate to history
- (UC7.a) Add comment to history
- (UC2, UC4) Delete comment from history
- (UC7.b) Add comment-rate to history
- (UC6) Add topic to history
- (UC2, UC4) Delete topic from history
- (UC8, UC7.a, UC7.b, UC6) Update timeline
- (UC18) Add friend
- (UC19) Block user
- (UC28) Edit profile

## Reports

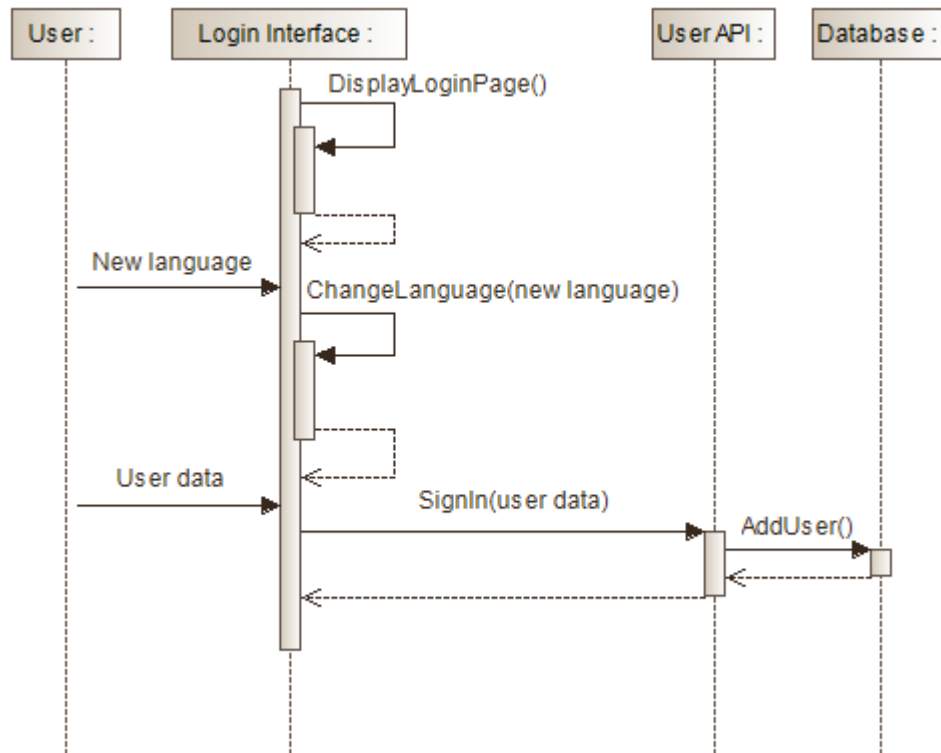
- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>- Display reports interface</li> <li>- (UC2) Show report/s</li> <li>- (UC14) Access profile</li> <li>- (UC29) Access topic</li> <li>- (UC5) Report error</li> <li>- (UC2) Add update</li> <li>- Exit</li> </ul> | <ul style="list-style-type: none"> <li>- Reports API</li> <li>- User Browser</li> <li>- Forum</li> <li>- Reports API</li> <li>- Reports API</li> </ul> |
|--|--|

## Reports API

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>- (UC2) Show report/s</li> <li>- (UC5, UC12) Add report</li> <li>- (UC2, UC3.a, UC3.b, UC3.c) Add Update</li> <li>- (UC1.a) Show update/s</li> <li>- (UC5) Report error</li> </ul> |  |
|---|--|

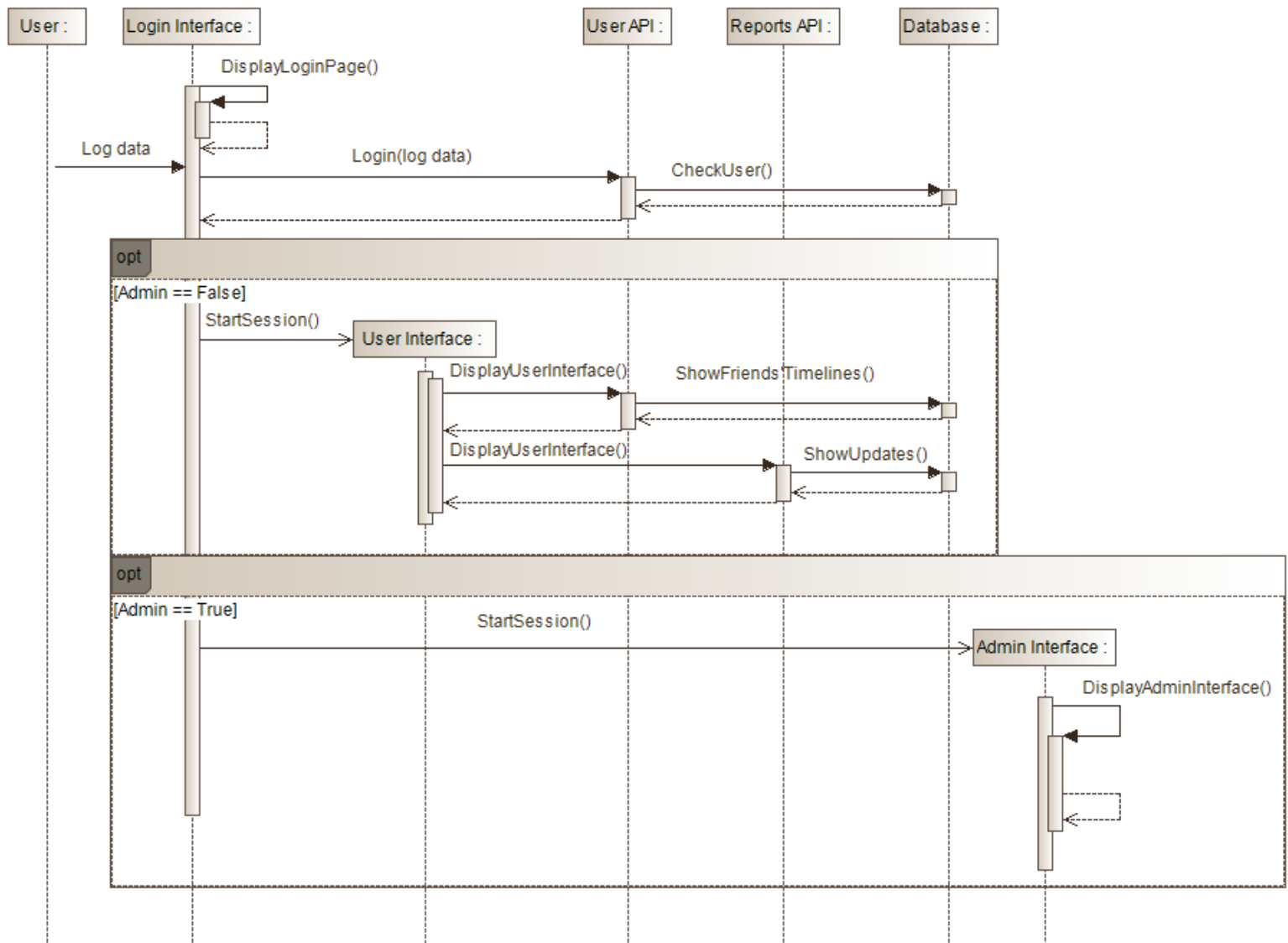
## Sequence diagrams:

### UC9 Sign In (UC15 Change the language also included)

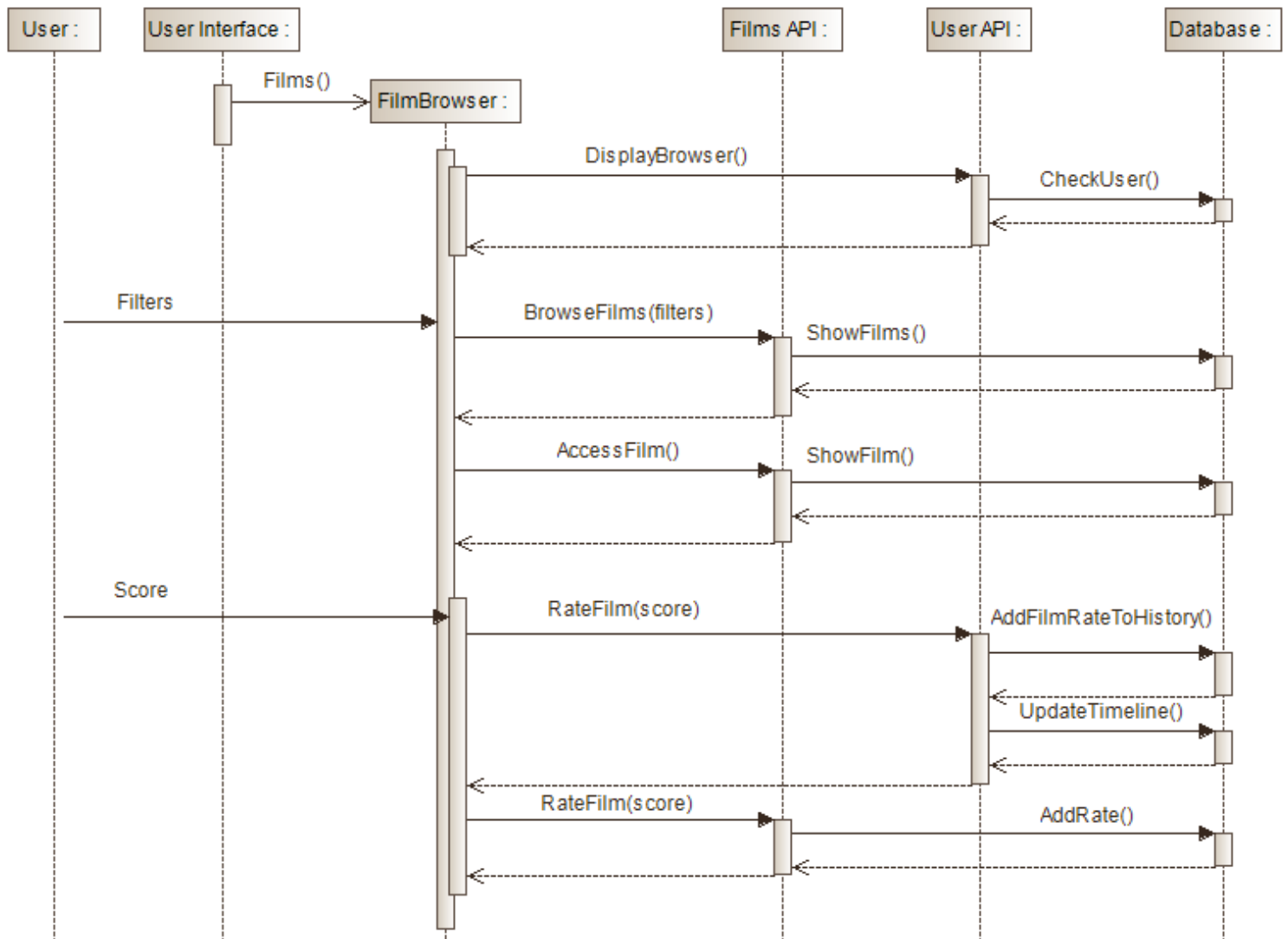




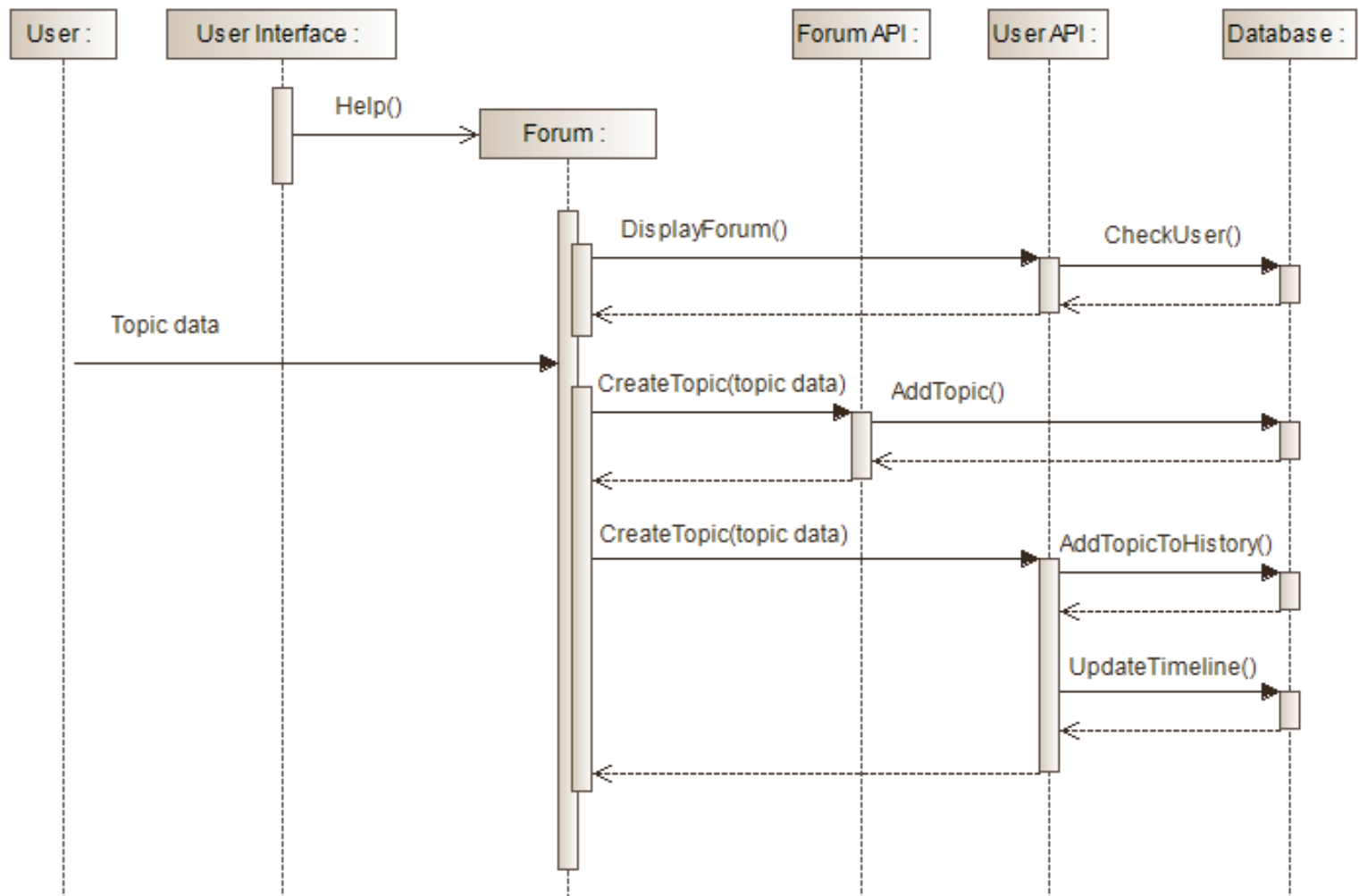
## UC10 Log In (UC1.a Notify Changes and UC1.b Notify friends' timelines also included)



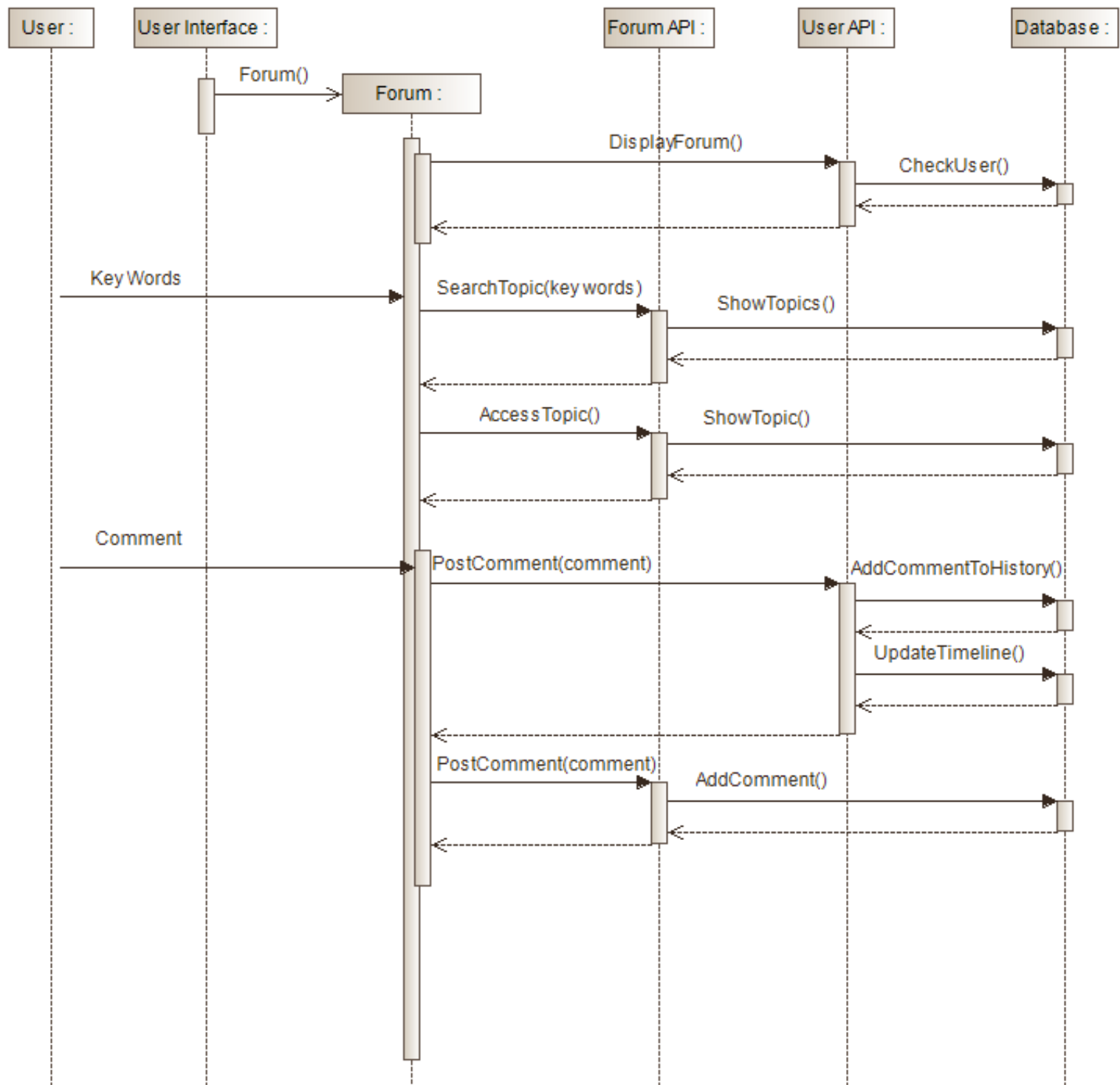
## UC8 Rate a film (UC21 Browse a film, UC25 Enter the Films section and UC30 Access a film also included)



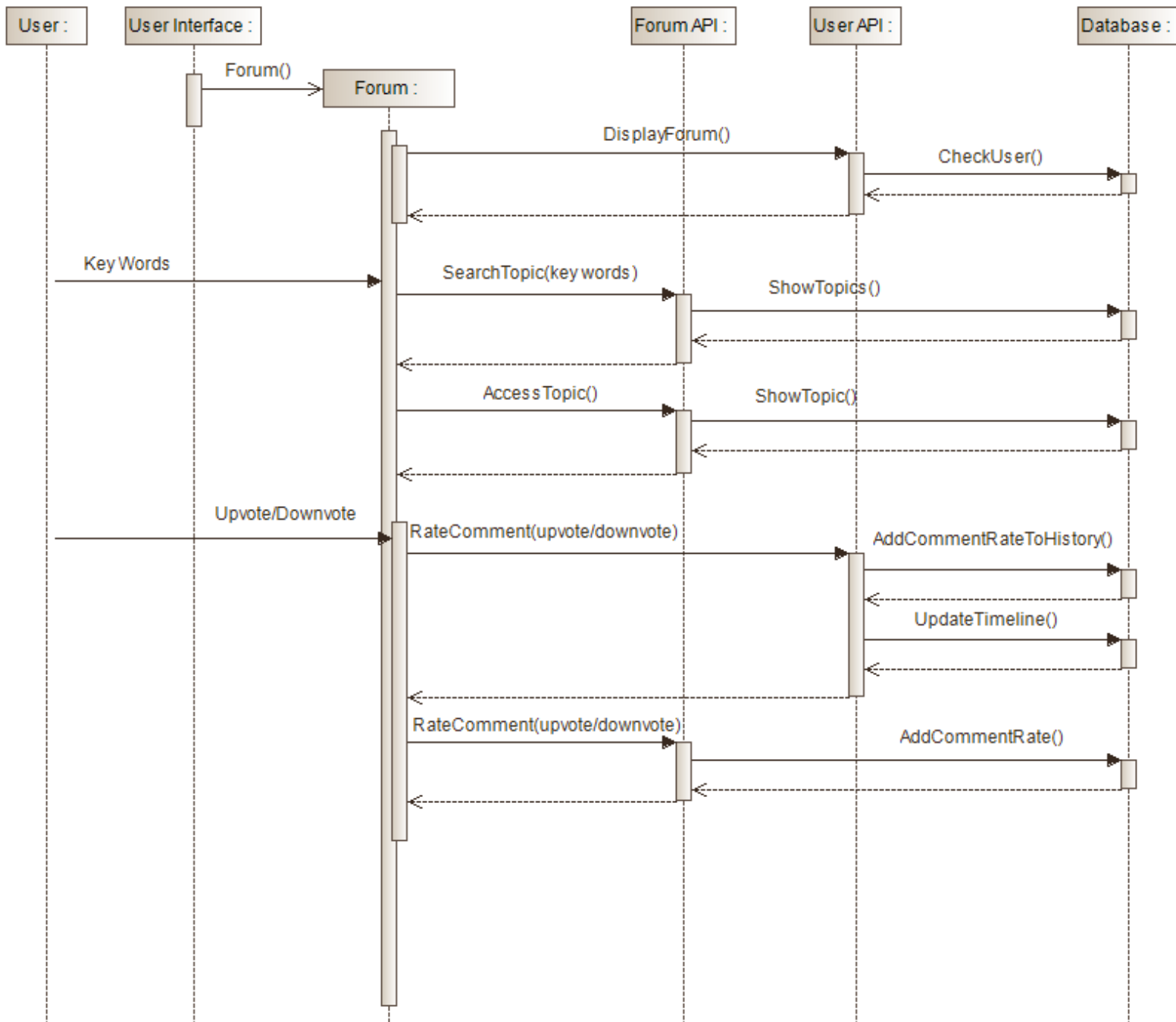
## UC6 Create a discussion topic (UC16 Enter the Forum section also included)



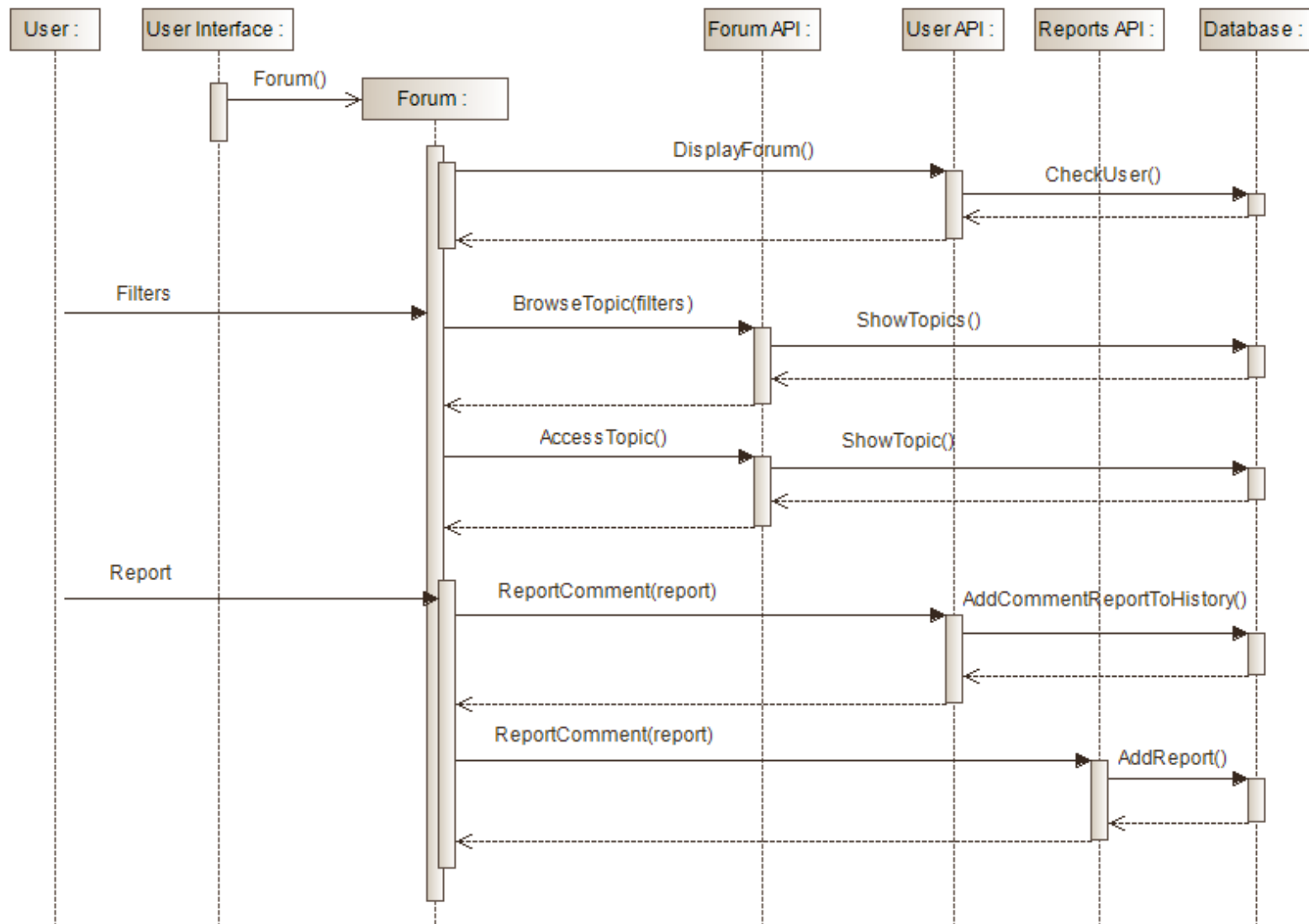
## UC7.a Post a comment (UC16 Enter the Forum section, UC23 Search a topic and UC29 Access a topic also included)



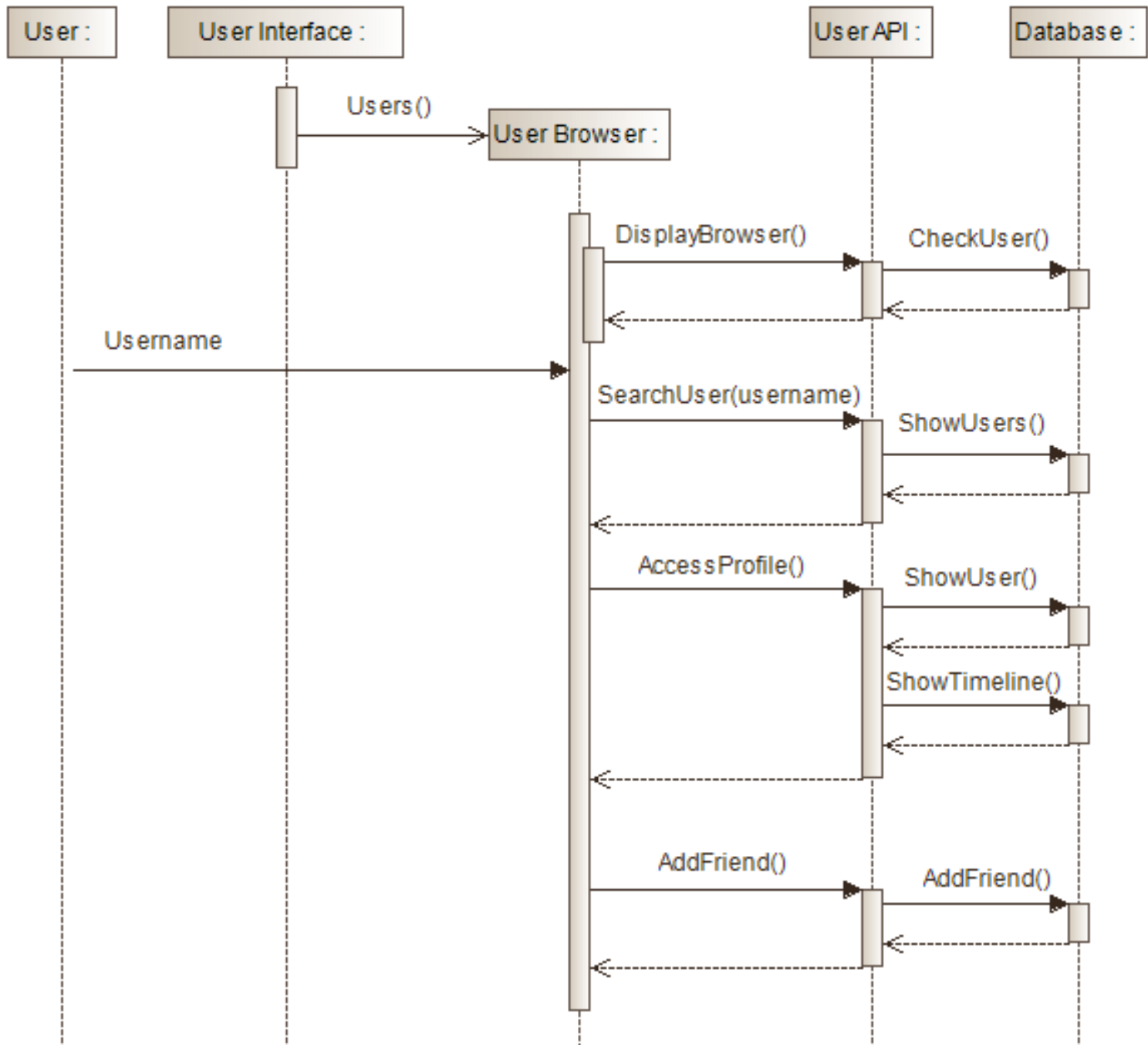
## UC7.b Rate a comment (UC16 Enter the Forum section, UC23 Search a topic and UC29 Access a topic also included)



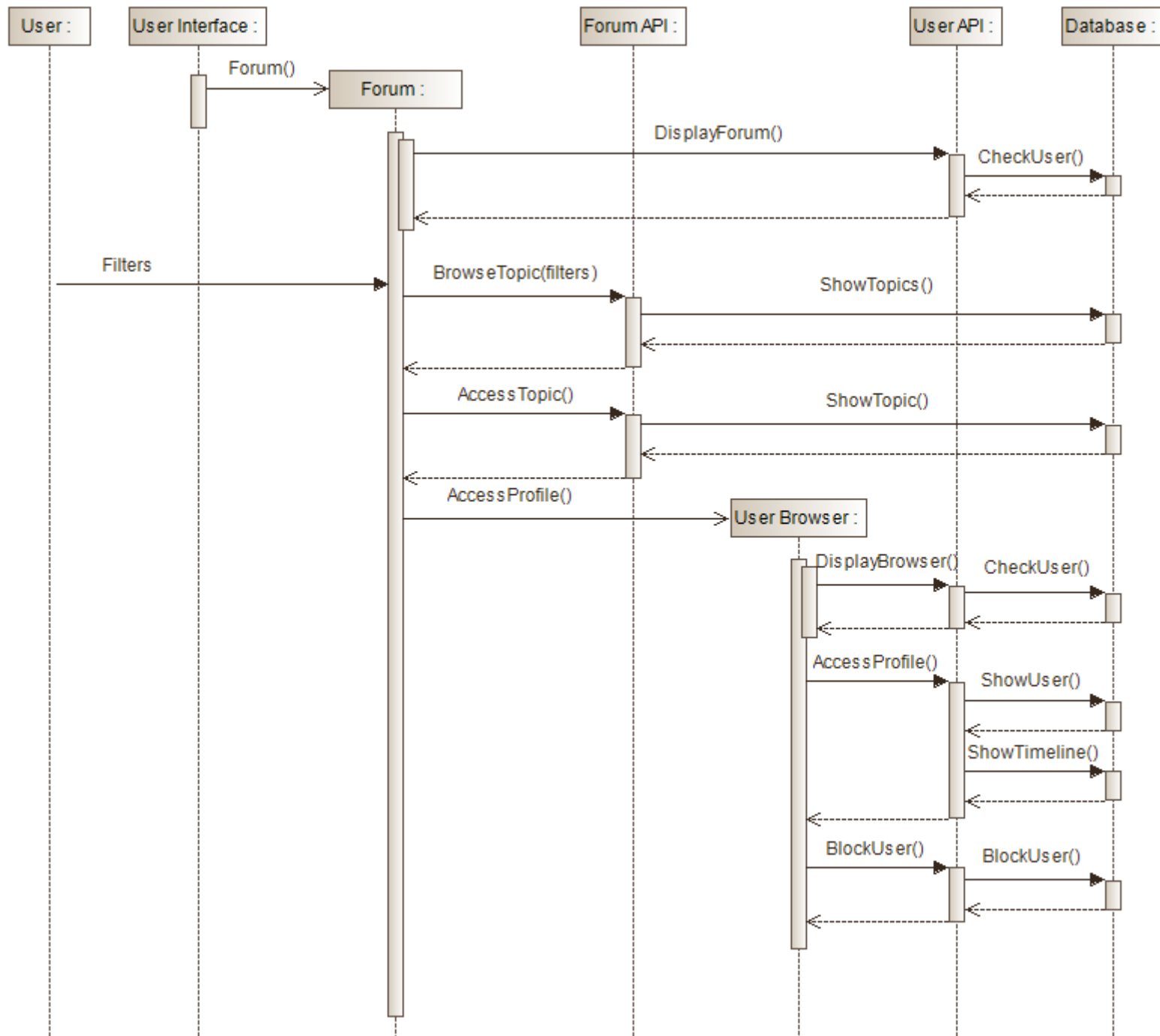
## UC12 Rate a comment (UC16 Enter the Forum section, UC24 Browse a topic and UC29 Access a topic also included)



## UC18 Adding friends (UC13 Search profiles, UC14 Access a profile and UC26 Enter the Users section also included)

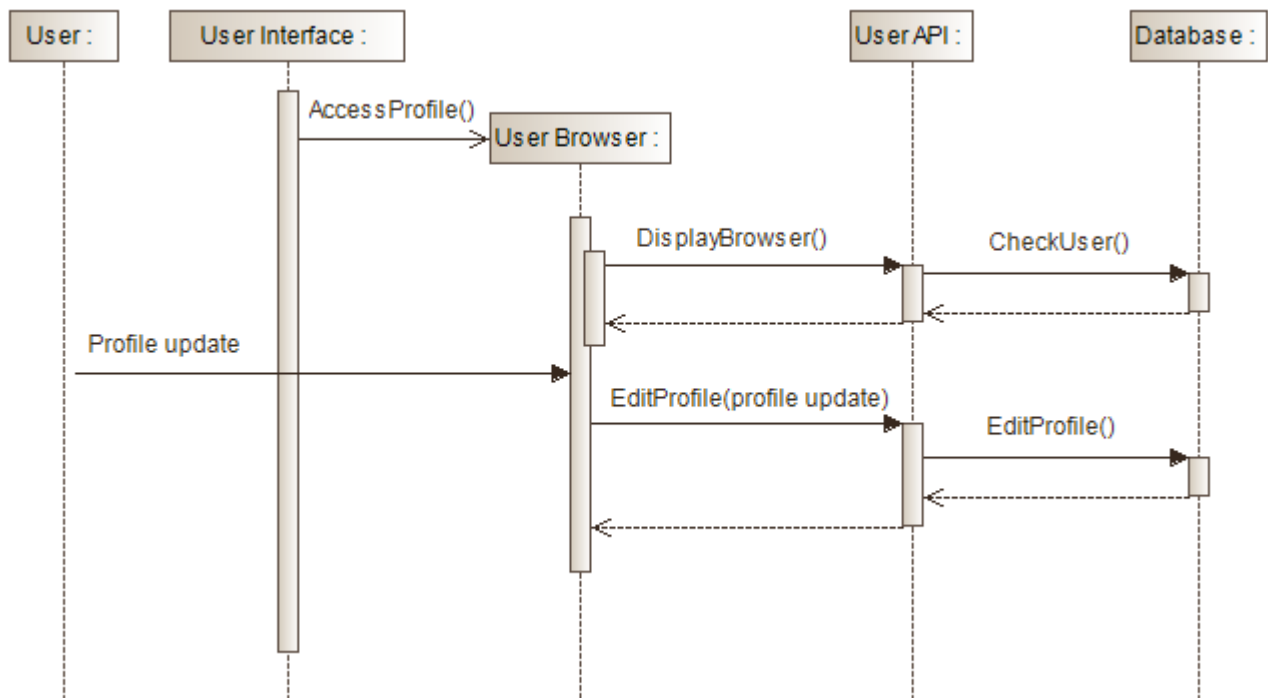


**UC19 Block a user** (UC14 Access a profile, UC16 Enter the Forum section, UC24 Browse a topic, UC26 Enter the Users section and UC29 Access a topic also included)

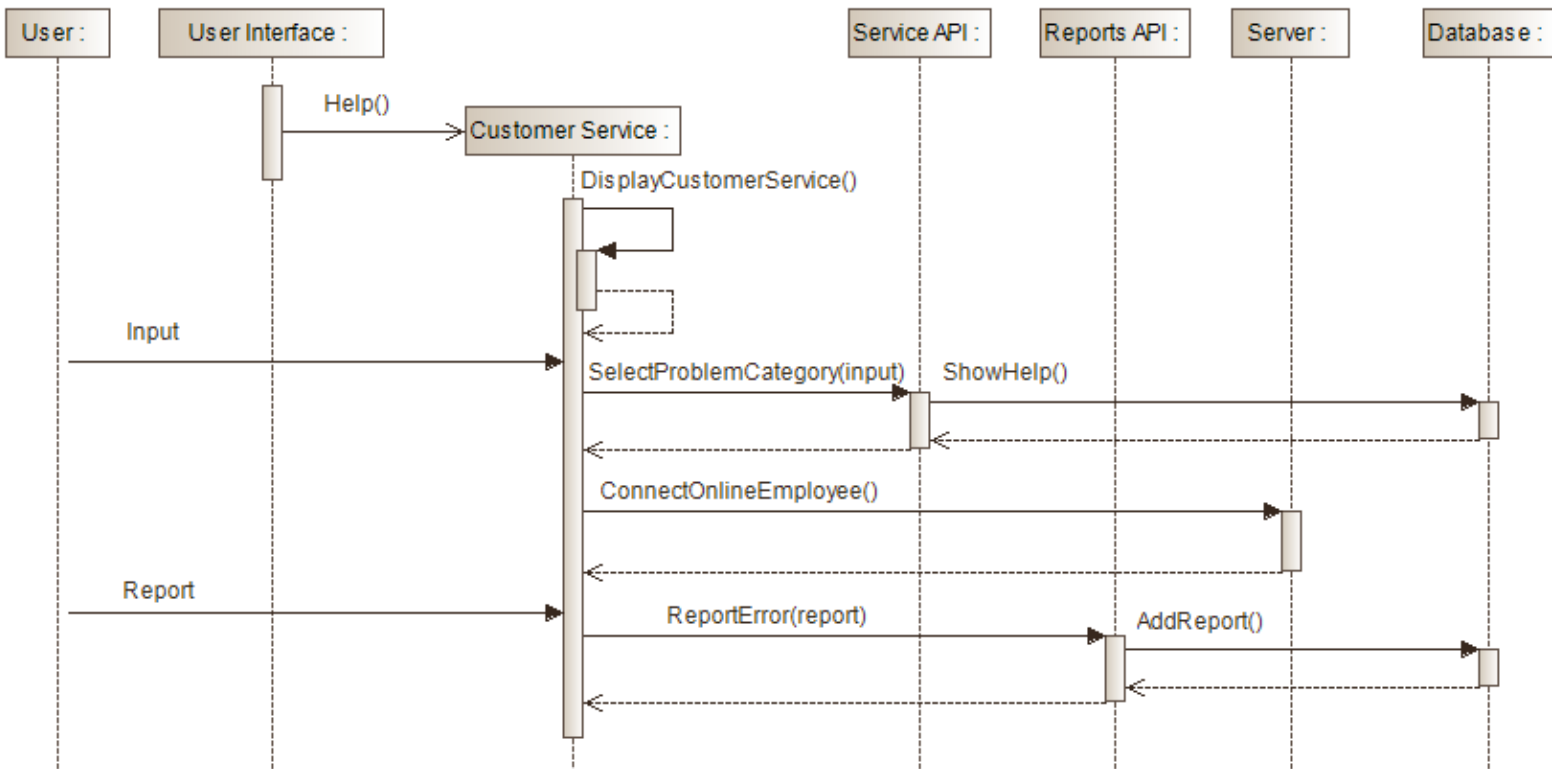




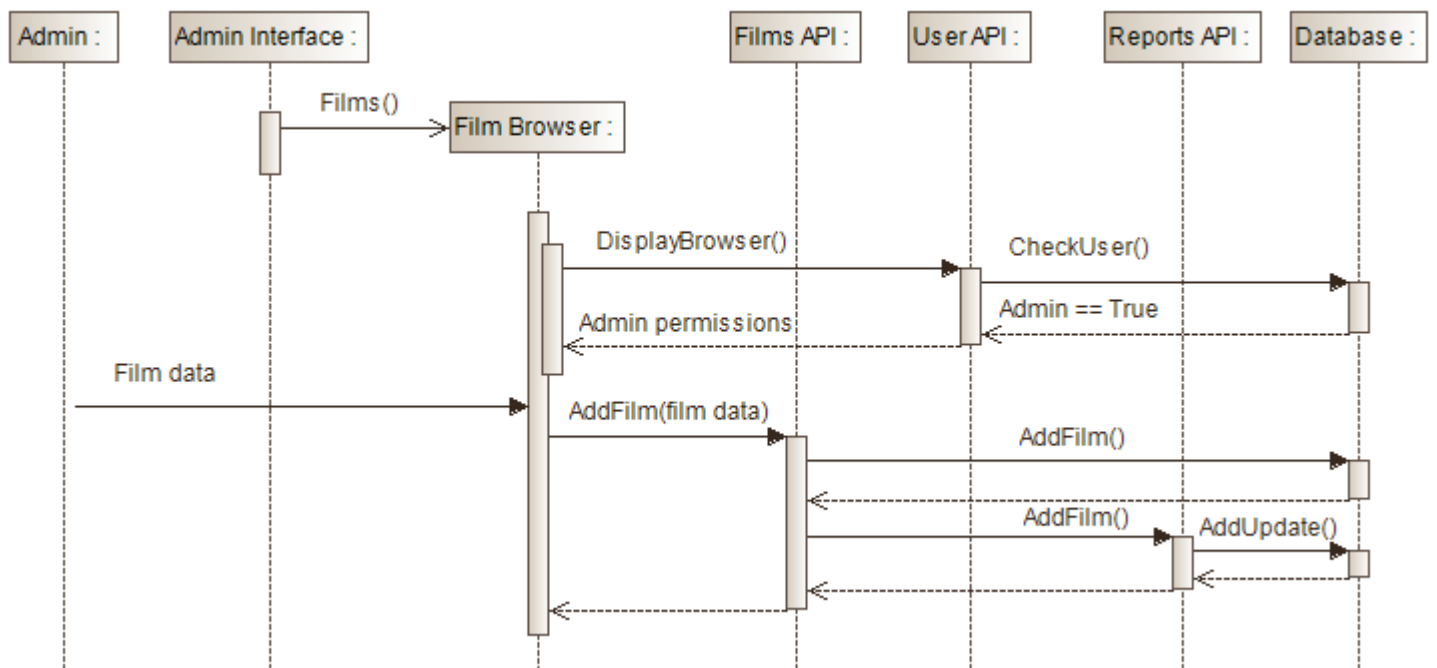
## UC28 Edit profile (UC14 Access a profile and UC26 Enter the Users section also included)



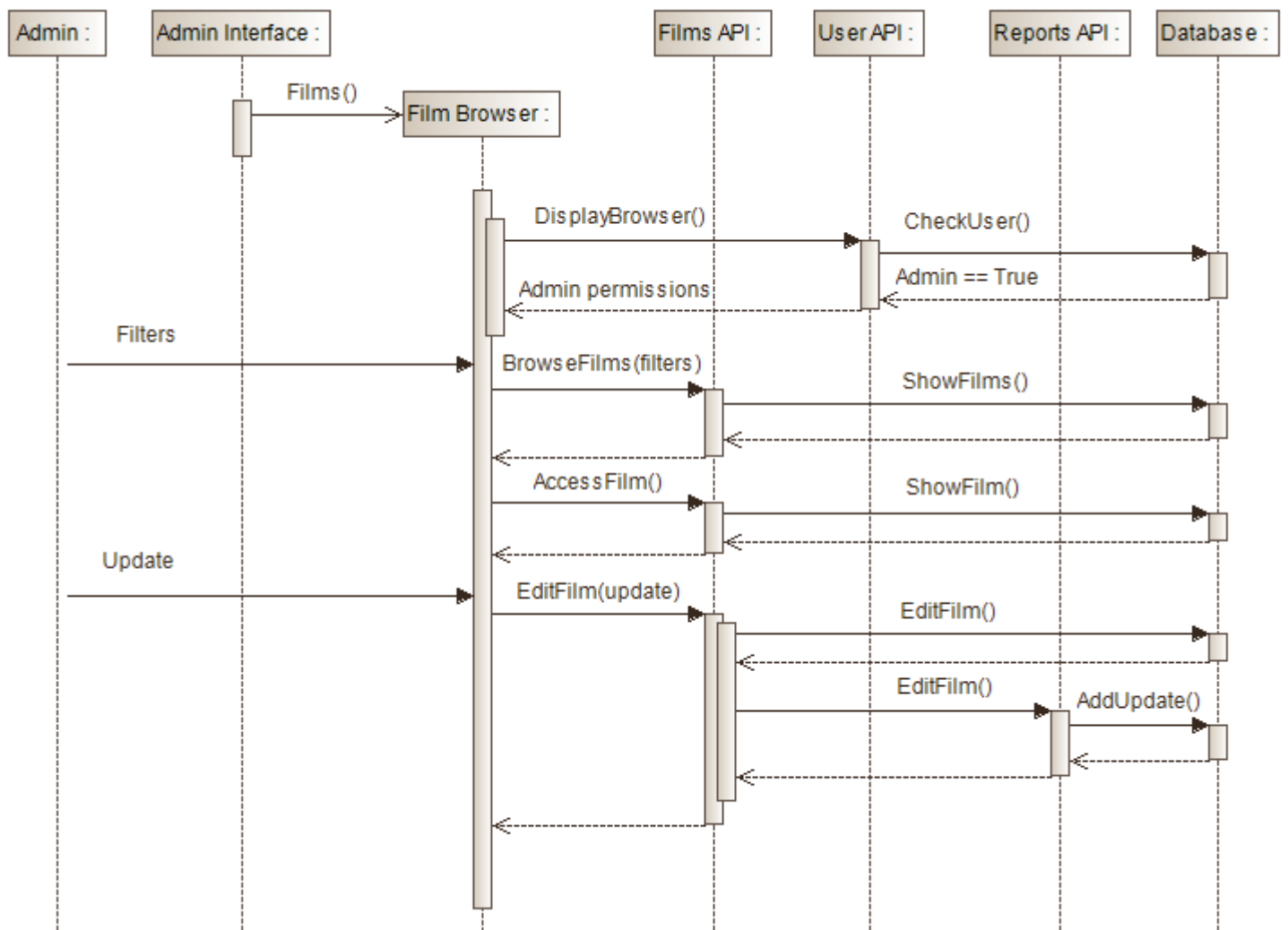
## UC5 Report an error and UC17 Customer Service



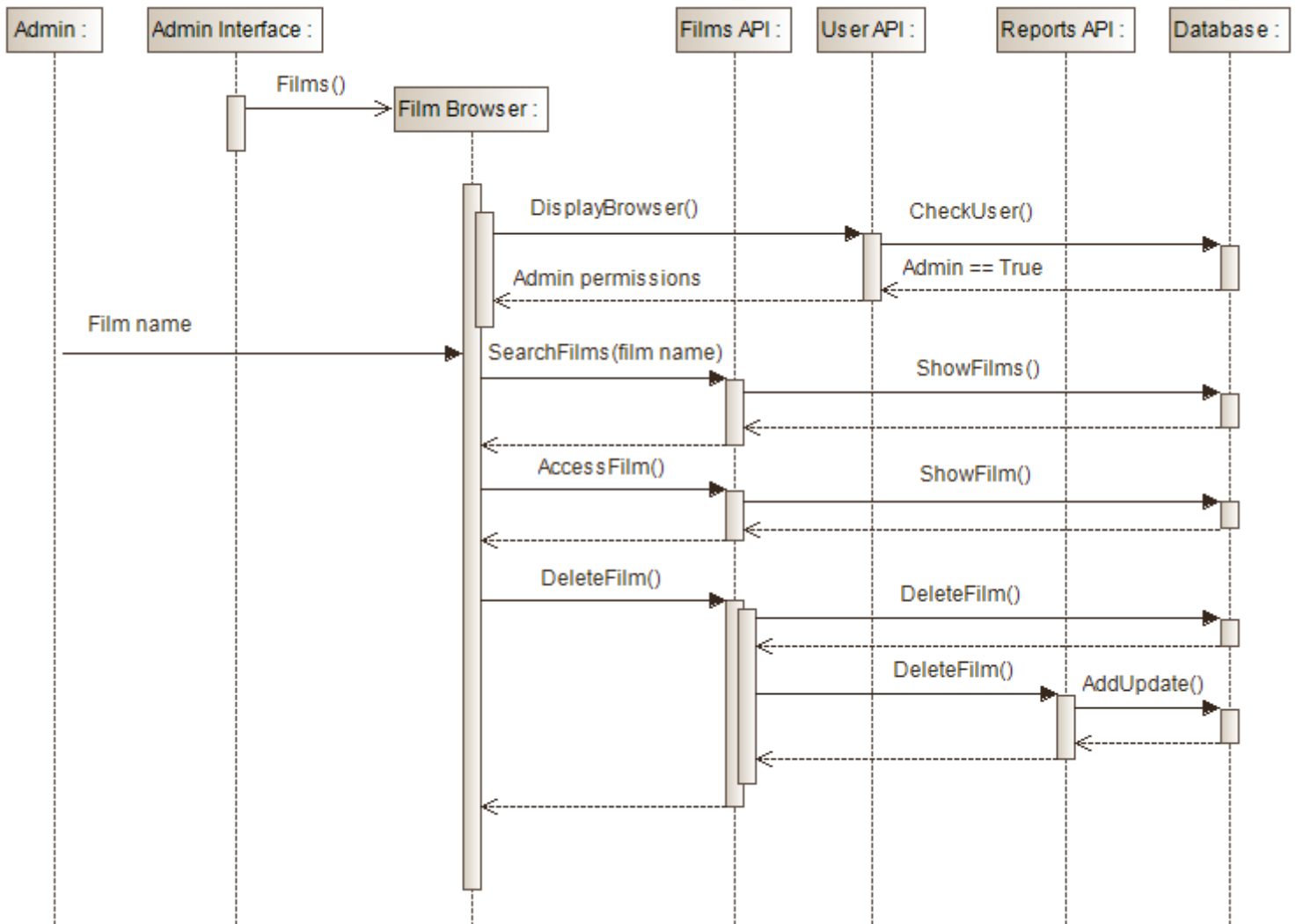
### UC3.a Add a film (UC25 Enter the Films section also included)



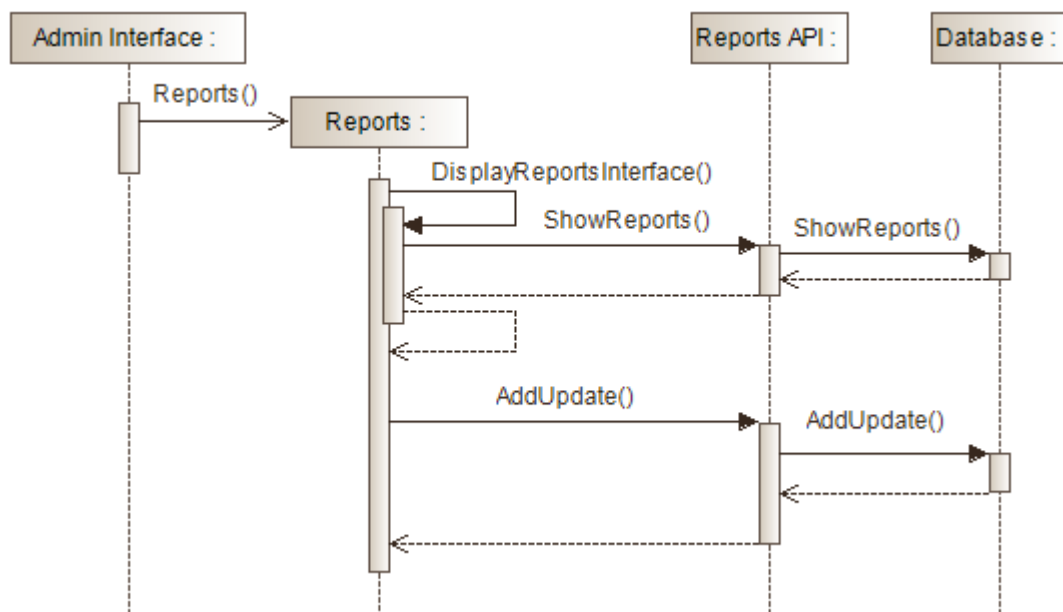
### UC3.b Edit a film (UC21 Browse a film, UC25 Enter the Films section and UC30 Access a film also included)



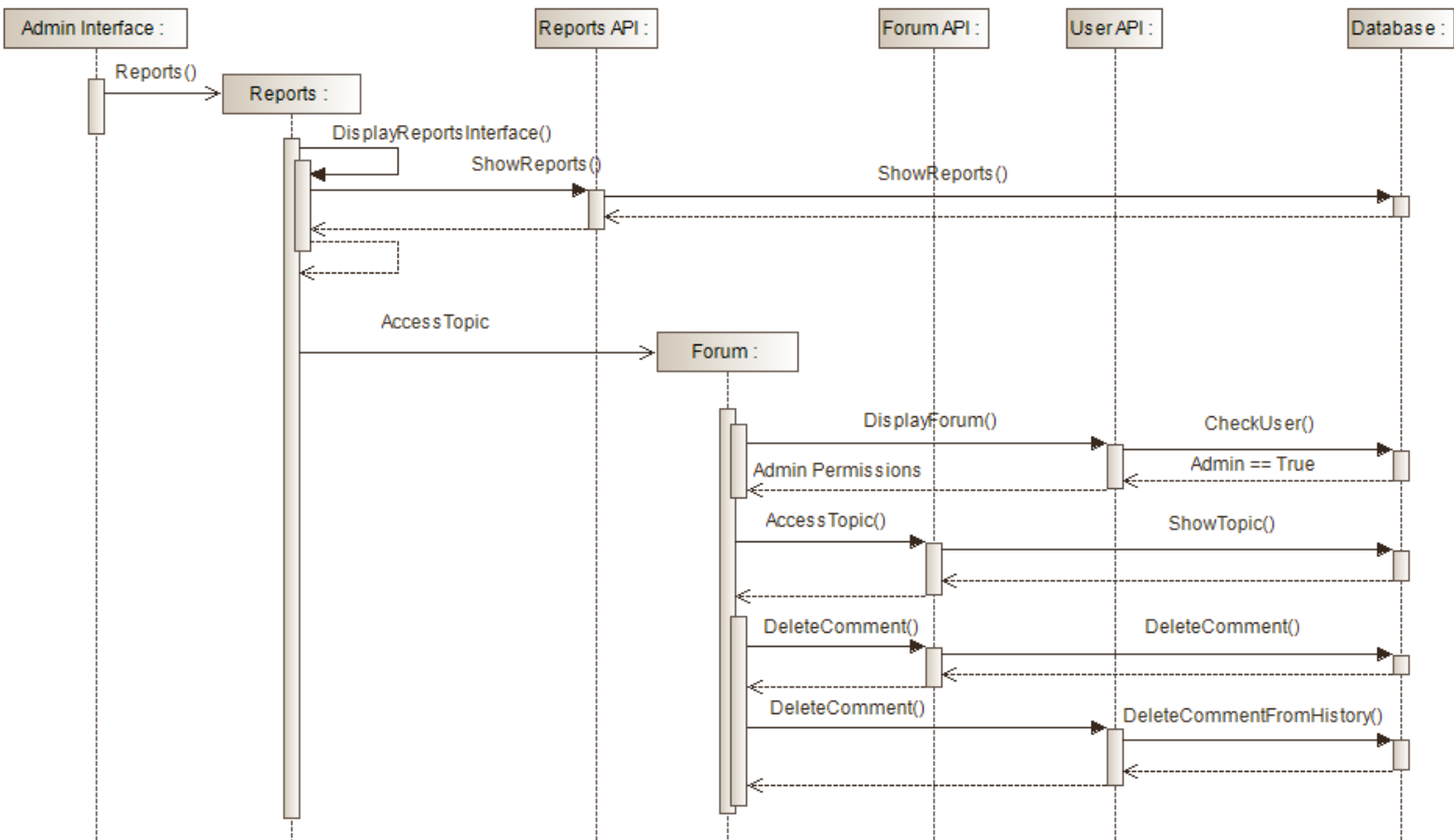
### UC3.c Delete a film (UC22 Search a film, UC25 Enter the Films section and UC30 Access a film also included)



### UC2 Review reports (UC27 Enter the Reports section also included)



## UC4 Delete a comment (UC2 Review reports, UC16 Enter the Forum section, UC27 Enter the Reports section and UC29 Access a topic also included)



## UC20 Ban a user (UC2 Review reports, UC14 Access a profile, UC26 Enter the Users section and UC27 Enter the Reports section also included)

