Java Enterprise Edition

Fall Semester 2020

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TASK 6

Problem 1

Continue developing a social network – ARALASU.KZ, by using your Java EE skills, gained during this course. Your task is to develop "Friends Module". You must be able to search other profiles and send friends requests. Then, request receivers can "Reject" or "Add To Friends" request senders. Create tables in MySQL or PostgreSQL:

```
friends requests (
    id – int(11)
    user_id – int(11), - foreign key with table users.id
    request_sender_id – int(11), - foreign key with table users.id
    sent_time – timestamp
)

friends(
    id – int(11)
    user_id – int(11), - foreign key with table users.id
    friend_id – int(11), - foreign key with table users.id
    added_time – timestamp
)
```

Functionalities:

Authenticated user can search users by entering full name

Authenticated user can see other users profile page

Authenticated user can send friend requests to found users from search

Authenticated user can see a list of friend request from other users

Authenticated user can reject or confirm friends request from other users

Authenticated user can see a list of own friends

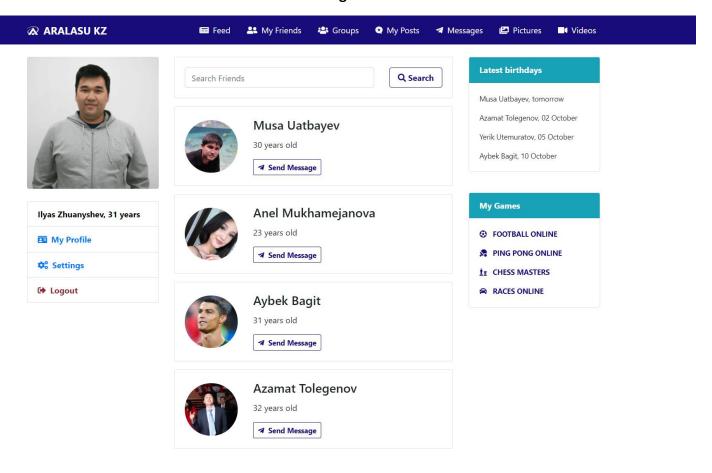
Authenticated user can remove user from friends list

Pay attention to security:

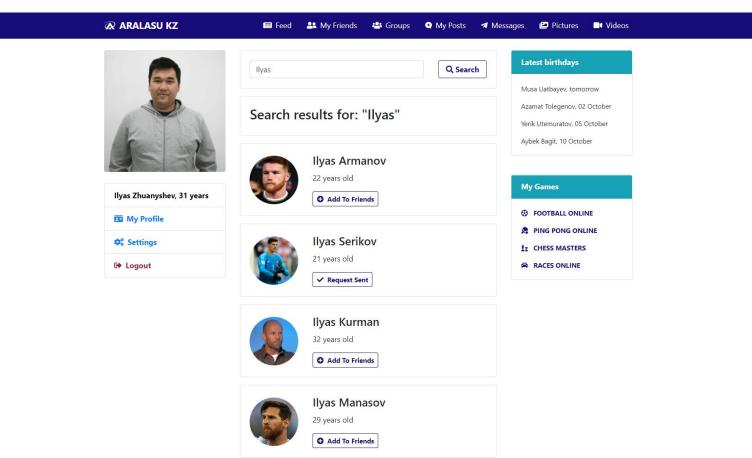
Check session activity

Only authenticated user can see a profile page of another user

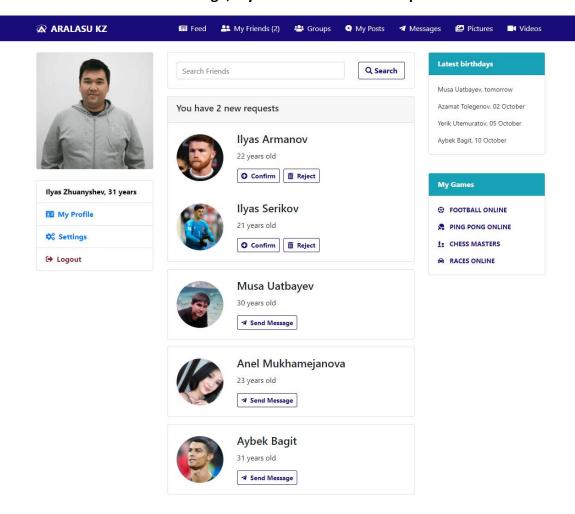
Friends Page:



Friends Page, if you started searching:



Friends Page, if you received a friend request:



Profile Page of another user:

