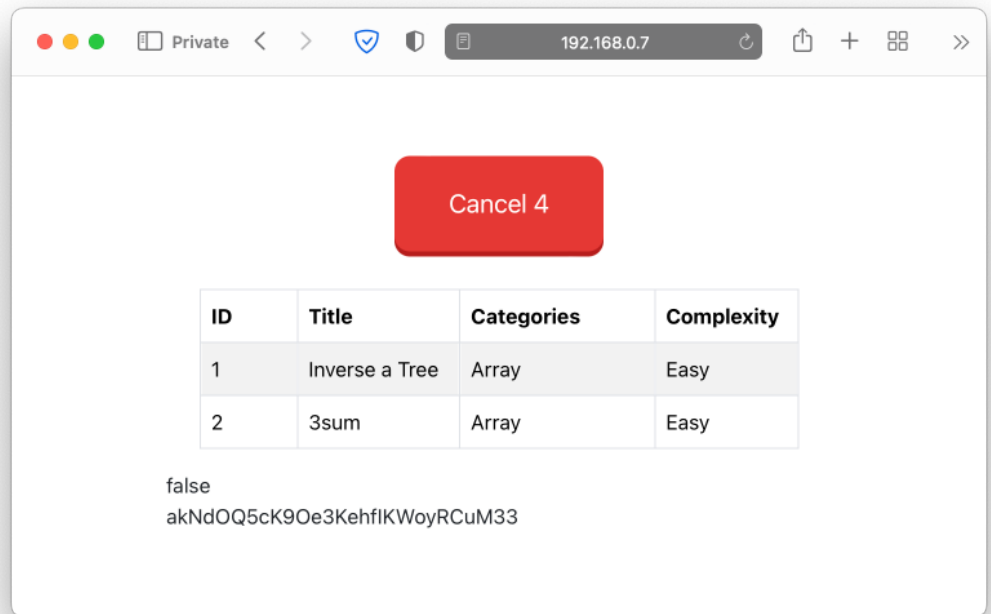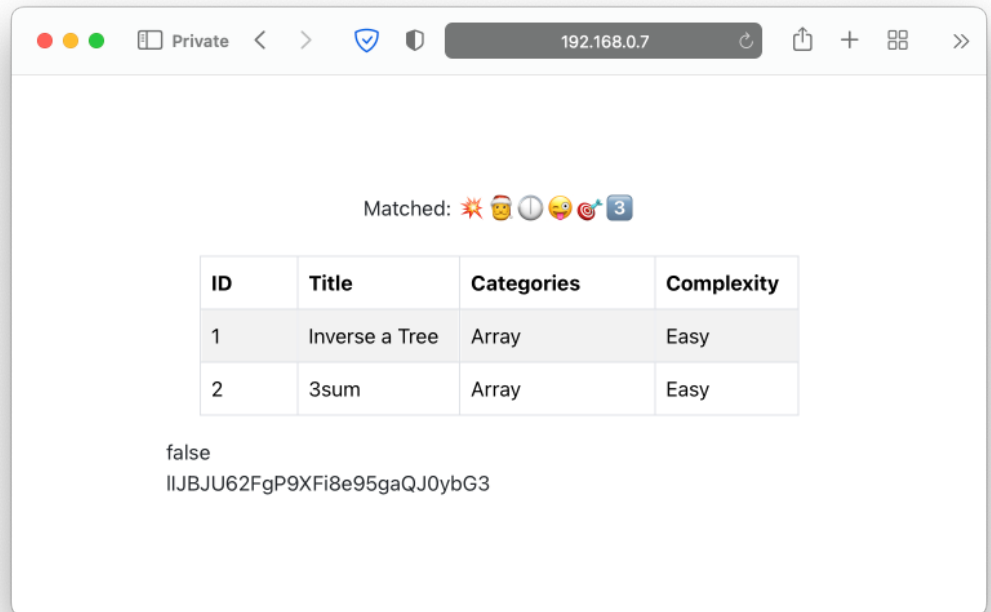- Screenshot of the view layer/front end showing
  – The timer

-

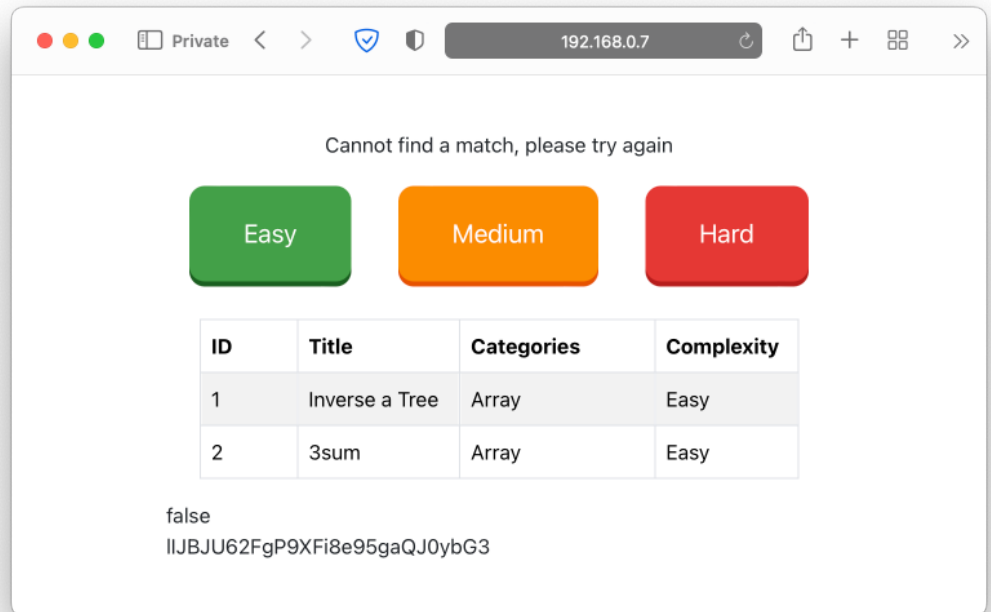*matching*

– Feedback message/updated UI on successful match

●

matched

–   Feedback message on unsuccessful match

-

fail

- Debug/log message showing indicating the status of the queue before and after match.

  –

Screenshot 2023-11-06 at 11 15 29 PM

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Screenshot 2023-11-06 at 11 21 53 PM

```
assignment_5_socket_server    | RabbitMQ initialized successfully
assignment_5_socket_server    | get match
assignment_5_socket_server    | Message sent to queue "easy-as5-prod": {"userId":"TuhLXEze6-MkJ89fAAAC"}
assignment_5_matching_service | { queue: 'easy-as5-prod', messageCount: 0, consumerCount: 1 }
assignment_5_matching_service | { queue: 'easy-as5-prod', messageCount: 0, consumerCount: 1 }
assignment_5_matching_service | retry in 1s
assignment_5_socket_server    | get match
assignment_5_socket_server    | Message sent to queue "easy-as5-prod": {"userId":"p4KzAHa66lSYUXNKAAAF"}
assignment_5_matching_service | { queue: 'easy-as5-prod', messageCount: 1, consumerCount: 1 }
assignment_5_matching_service | matched
assignment_5_matching_service | acked
assignment_5_matching_service | [
assignment_5_matching_service |   { userId: 'TuhLXEze6-MkJ89fAAAC' },
assignment_5_matching_service |   { userId: 'p4KzAHa66lSYUXNKAAAF' }
assignment_5_matching_service | ]
assignment_5_matching_service | Message sent to queue "matched-as5-prod": {"players":[{"userId":"TuhLXEze6-MkJ89fAAAC"},{"userId":"p4KzAHa66lSYUXNKAAAF"}],"difficulty":"easy"}
assignment_5_socket_server    | {
assignment_5_socket_server    |   players: [
assignment_5_socket_server    |     { userId: 'TuhLXEze6-MkJ89fAAAC' },
assignment_5_socket_server    |     { userId: 'p4KzAHa66lSYUXNKAAAF' }
assignment_5_socket_server    |   ],
assignment_5_socket_server    |   difficulty: 'easy'
assignment_5_socket_server    | } { queue: 'matched-as5-prod', messageCount: 0, consumerCount: 2 }
assignment_5_socket_server    | disconnecting... amq.ctag-i6j6xm9hswPJTvkKo2SzcQ
assignment_5_socket_server    | User disconnected with socket ID: TuhLXEze6-MkJ89fAAAC
assignment_5_socket_server    | User connected with socket ID: aZnkga-lXwQNsAEBAAAI
assignment_5_socket_server    | RabbitMQ initialized successfully
assignment_5_socket_server    | get match
assignment_5_socket_server    | Message sent to queue "easy-as5-prod": {"userId":"aZnkga-lXwQNsAEBAAAI"}
assignment_5_matching_service | { queue: 'easy-as5-prod', messageCount: 0, consumerCount: 1 }
assignment_5_matching_service | { queue: 'easy-as5-prod', messageCount: 0, consumerCount: 1 }
assignment_5_matching_service | retry in 1s
assignment_5_matching_service | { queue: 'easy-as5-prod', messageCount: 0, consumerCount: 1 }
assignment_5_matching_service | retry in 1s
assignment_5_socket_server    | disconnecting... amq.ctag-i6j6xm9hswPJTvkKo2SzcQ
assignment_5_socket_server    | User disconnected with socket ID: p4KzAHa66lSYUXNKAAAF
assignment_5_socket_server    | User connected with socket ID: t3ZaQCPde1b_ki_tAAAL
assignment_5_socket_server    | RabbitMQ initialized successfully
assignment_5_matching_service | { queue: 'easy-as5-prod', messageCount: 0, consumerCount: 1 }
assignment_5_matching_service | retry in 1s
assignment_5_socket_server    | get match
assignment_5_socket_server    | Message sent to queue "easy-as5-prod": {"userId":"t3ZaQCPde1b_ki_tAAAL"}
assignment_5_matching_service | { queue: 'easy-as5-prod', messageCount: 1, consumerCount: 1 }
assignment_5_matching_service | matched
assignment_5_matching_service | acked
assignment_5_matching_service | [
assignment_5_matching_service |   { userId: 'aZnkga-lXwQNsAEBAAAI' },
assignment_5_matching_service |   { userId: 't3ZaQCPde1b_ki_tAAAL' }
assignment_5_matching_service | ]
assignment_5_matching_service | Message sent to queue "matched-as5-prod": {"players":[{"userId":"aZnkga-lXwQNsAEBAAAI"},{"userId":"t3ZaQCPde1b_ki_tAAAL"}],"difficulty":"easy"}
assignment_5_socket_server    | {
assignment_5_socket_server    |   players: [
assignment_5_socket_server    |     { userId: 'aZnkga-lXwQNsAEBAAAI' },
assignment_5_socket_server    |     { userId: 't3ZaQCPde1b_ki_tAAAL' }
assignment_5_socket_server    |   ],
assignment_5_socket_server    |   difficulty: 'easy'
assignment_5_socket_server    | } { queue: 'matched-as5-prod', messageCount: 0, consumerCount: 4 }
```

Screenshot 2023-11-06 at 11 17 11 PM

- Name the file G55_Assignment-5.pdf (e.g., G04_Assignment-5.pdf)