

# User Management Root Admin(UMRA)

A tool for the authenticated root admins

## Scope:

Any Root admin can use this tool

**Effort Points (Hour) - 25**

**Complexity Level - Low**

## Pre-Conditions:

1. User is in an authenticated active session on the device
2. User must be an authenticated Root admin
3. User must be on user management view

## Success Outcomes:

- All operations/requests are saved to our concurrent data store
- The Root admin will only have access to the user management view and features
- The Root admin will have access to view and modify all Admin accounts in the system
- The Root Admin will be able to complete the following operations:
  - Delegating admin role to authenticated accounts
  - Modifying authenticated admin accounts
  - Retracting admin role from authenticated admin accounts
  - Deleting authenticated accounts
  - Operation should take no longer than 3 seconds to complete
  - Within one request, multiple operations make take place
  - Maximum 100 operations per request
  - Request operation should take no longer than 30 seconds
- Any request/operation must take effect on the selected Admin's account and be registered within the system
- Root admin is able to perform a single operation within 3 seconds and a system message displays "UMRA operation was successful"
- Root admin is able to perform a request that is under the operation limit within 30 seconds and a system message displays "UMRA request was successful"
- Root admin is able to perform a request that is at operation limit within 30 seconds and a system message displays "UMRA request was successful"
- Any failure outcome will not result in the system crashing or going offline

## Failure Outcomes:

- All or some operations/requests were not saved to our concurrent data store
- The Root admin is not able to access the user management view and features
- The Root admin does not have access to view and modify all or some Admin accounts in the system
- The Root Admin operations will be considered a failure if the following occur:
  - Unable to delegate admin role to authenticated accounts
  - Unable to modify authenticated admin accounts
  - Unable to retract admin role from authenticated admin accounts

- Unable to delete authenticated accounts
- Operation takes longer than 3 seconds to complete
- Within one request, multiple operations are not able to take place
- The amount of operations exceeds the maximum of 100 in a request
- Request operation takes longer than 30 seconds to complete
- Any request/operation does not take effect on the selected Admin's account or does not get registered within the system
- Root admin is unable to perform a single operation within 3 seconds and/or a system message is not shown
- Root admin is unable to perform a request that is under the operation limit within 30 seconds and/or a system message is not shown
- Root admin is unable to perform a request that is at operation limit within 30 seconds and/or a system message is not shown
- Failure outcome results in the system crashing or going offline

## User Management Admin(UMA)

A tool for the authenticated admins

### Scope:

Any Admin can use this tool

**Effort Points (Hour) - 25**

**Complexity Level - Low**

### Pre-Conditions:

4. User is in an authenticated active session on the device
5. User must be an authenticated Admin
6. User must be on user management view

### Success Outcomes:

- All operations/requests are saved to our concurrent data store
- The Admin will only have access to the user management view and features
- The Admin will have access to view all normal user accounts in the system
- The Admin will be able to complete the following operations:
  - Able to view normal user accounts activity
  - The admin will have unrestricted read access for normal users table
  - The admin will have unrestricted write access for normal users table
  - Operation should take no longer than 3 seconds to complete
  - Within one request, multiple operations make take place
  - Maximum 25 operations per request
  - Request operation should take no longer than 15 seconds to complete

- Any request/operation must take effect on the selected normal users account and be registered within the system
- Admin is able to perform a single operation within 3 seconds and a system message displays "UMA operation was successful"
- Admin is able to perform a request that is under the operation limit within 15 seconds and a system message displays "UMA request was successful"
- Admin is able to perform a request that is under the operation limit within 15 seconds and a system message displays "UMA request was successful"
- Any failure outcome will not result in the system crashing or going offline

#### **Failure Outcomes:**

- All or some operations/requests were not saved to our concurrent data store
- The Admin does not have access to the user management view and features
- The Admin will not have access to view all normal user accounts in the system
- The Admin operations will be considered a failure if the following occur:
  - Unable to view normal user accounts activity
  - The admin does not have unrestricted read access for normal users table
  - The admin does not have unrestricted write access for normal users table
  - Operation takes longer than 3 seconds to complete
  - Within one request, multiple operations are not able to take place
  - Able to exceed the 25 max operation limit on a request
  - Request operation takes longer than 15 seconds to complete
- Any request/operation does not take effect on the selected normal users account or is not registered within the system
- Admin is unable to perform a single operation within 3 seconds and/or a system message was not shown
- Admin is unable to perform a request that is under the operation limit within 15 seconds and/or a system message was not shown
- Admin is unable to perform a request that is under the operation limit within 15 seconds and/or a system message was not shown
- Failure outcome results in the system crashing or going offline

# User Privacy Control

A component that informs and protects user data from being used without explicit consent

**Scope:**

Includes all authenticated user types

**Effort Points (Hour) - 25**

**Complexity Level - Low**

**Pre-Conditions:**

7. User is in an authenticated active session on the device
8. User must be on User Privacy view

**Success Outcomes:**

- Component must adhere to EULA per GDPR or California Consumer Privacy Act (CCPA) / California Privacy rights Act (CPRA)
- Authenticated users are only able to view the PII data that was collected on them by the system.
- Data is accurate and up to date to the current date
  - YYYY-MM-DD-hh-mm-ss format
- Users are able to delete their account, as mentioned in USUM...

**Failure Outcomes:**

- Component does not adhere to EULA per GDPR or California Consumer Privacy Act (CCPA) / California Privacy rights Act (CPRA)
- Authenticated users are not able to view the PII data that was collected on them by the system, on failure a system messages shows "Unable to retrieve user data"
- Authenticated users are able to view another user's PII data
- Users are able to delete another user's account, as mentioned in USUM...

# Logout

A component that ends the current authenticated user's session

**Scope:**

Includes all authenticated user types

**Effort Points (Hour) - 25**

**Complexity Level - Low**

**Pre-Conditions:**

9. User is in an authenticated active session on the device
10. User must be on view with logout option

**Success Outcomes:**

- Once the user ends attempts to end the session all occurrences of the users session on the device will end
- Post session end the user will be returned to the home page of Lifelog where they will be prompted to login
- Any failure outcome will not result in the system crashing or going offline
- Ending the session takes no longer than 3 seconds

**Failure Outcomes:**

- Once the user ends attempts to end the session all occurrences of the users session on the device does not end or does not end all of them
- Post session end the user is not returned to the home page of Lifelog
- Ending the session will cause the system to crash or going offline
- Ending the session takes longer than 3 seconds

# Lifelog Reminders

## LR1 User Story<sup>[17]</sup>: Receive Reminders

As a registered user I customize the frequency between weekly, monthly, or never for receiving my emails. I can also customize my reminder email content based on my as well as the contents of my reminder emails between the choice of being based on my completed LLIs<sup>[3]</sup> or planned LLIs<sup>[3]</sup>, motivating me about my LLI<sup>[3]</sup> goals.

**Effort Points (Hour) - 50**

**Complexity Level - Low**

### User Input

#### Optional Input

- Email frequency
  - The frequency can be either weekly, monthly or never
  - Default value is weekly
- Contents
  - The contents can be based off of:
    - Completed LLIs<sup>[3]</sup> (status completed)
    - Planned LLIs<sup>[3]</sup> (status, active or postponed)
    - All LLI<sup>[3]</sup>
  - Default value for content focus is Completed LLIs<sup>[3]</sup>

### App Permissions

- Permission: Read and Write
- Scope: Lifelog User Account

**Target Audience - Any authorized Normal User**

### **Pre-conditions**

1. The user is registered
2. The user is authenticated
3. The authenticated user is on the Reminders view
4. The authenticated user has agreed to receiving emails from Lifelog

### **Success Outcomes**

- User's preferences are saved in the persistent data store
- User's preference in email frequency is followed, as outlined in user input
- User's preference in email content is followed, as outlined in user input
- The Lifelog reminder preference change operation is logged in the persistent data store after the user is done editing their preferences and exits the view
- The following is included in the log:
  - Timestamp
    - The logs will include a PST timestamp
    - Timestamp will be in YYYY-MM-DD-hh-mm-ss format
    - When the Lifelog reminder preference change operation is started
    - When the Lifelog reminder preference change operation is completed
  - Log Type (Success)
  - Log message: "User preference save operation completed successfully"
- The log is archived off of the data store

### **Failure Outcomes**

- Users preference is not saved in the persistent data store
- User preference in email frequency is not followed
- User preference in email content is not followed
- The Lifelog reminder preference change operation is not logged in the persistent data store or is improperly logged
- The failure log includes the following:
  - Timestamp
    - The logs will include a PST timestamp

- Timestamp will be in YYYY-MM-DD-hh-mm-ss format
  - When the Lifelog reminder preference change operation is started
  - When the Lifelog reminder preference change operation fails
- Log Type (Failure)
- A Log message will either not be shown or will show: “User preference save operation was unsuccessful”
- The log is not archived off of the data store

## Pathfinding for LLI<sup>[3]</sup>

### P1 User Story<sup>[17]</sup>: Search for Venues

As an authenticated user, I can search for 5/10/15/20 venues within a minimum of 5 miles to a maximum of 25 miles for my LLI<sup>[3]</sup>.

**Effort Points** - 200 points

**Complexity** - High

#### User Input

##### Required Input

- Category pertaining to a LLI<sup>[3]</sup>
  - Category can be chosen from “Mental Health<sup>[5]</sup>”, “Physical Health<sup>[6]</sup>”, “Outdoor<sup>[7]</sup>”, “Sport<sup>[8]</sup>”, “Art<sup>[9]</sup>”, “Hobby<sup>[10]</sup>”, “Thrill<sup>[11]</sup>”, “Travel<sup>[12]</sup>”, “Volunteering<sup>[13]</sup>”, and “Food<sup>[14]</sup>”
- Title pertaining to a LLI<sup>[3]</sup>
  - The LLI<sup>[3]</sup> title consist only of alphanumeric values between 1-50 characters long

##### Optional Input

- Choice between 5/10/15/20 venues(defaulted to 5)



- Choice of miles between a minimum of 5 to a maximum of 25 mile radius(defaulted to 5 mile radius)

## **Data Source**

### Origin

- External

### Type

- API

### Details

- <https://maps.googleapis.com/maps/api/place/findplacefromtext/output?parameters>
- API will be used to find venues in regards to user search

### AuthN

- peaceuser1@gmail.com

## **App Permissions**

- Permission: Read
- Scope: Lifelog User Account

**Target Audience** - All authenticated normal user

## **Pre-conditions**

1. The user is registered
2. The user is authenticated
3. The authenticated user is on the Pathfinding view

## **Success Outcome(s) -**

- All inputs meet the validation requirements in the User Input section
- The location of all venues are within the user's input radius filter
  - 5-25 mile range
  - Defaulted to 5 miles
- The number of venues returned are within the users input of

- 5, 10, 15, 25 venue
  - Defaulted to 5 venues
- A message saying that the search failed is displayed to the user, if the search fails
- The user performing a search in pathfinding search bar is logged in the persistent data store
- The following is included in the log:
  - Timestamp
    - The logs will include a PST timestamp
    - Timestamp will be in YYYY-MM-DD-hh-mm-ss format
    - When the pathfinding operation starts
    - When pathfinding operation gives results
  - Log Type (Success)
  - A Log message will be shown: “User pathfinding search operation completed successfully”
- The log is archived off of the data store

#### **Failure Outcome(s) -**

- All inputs do not meet the validation requirements in the User Input section
- The location of all venues are not within the user’s input radius filter
  - 5-25 mile range
- The number of venues returned are not within the users input of
  - 5, 10, 15, 25 venue
- A message saying that the search failed is not displayed to the user, if the search fails
- The user searching in pathfinding search bar is not logged in the persistent data store
- The failure log includes the following:
  - Timestamp
    - The logs will include a PST timestamp
    - Timestamp will be in YYYY-MM-DD-hh-mm-ss format
    - When the pathfinding operation starts

- When pathfinding operation fails to give results
  - Log Type (Failure)
  - A Log message will either not be shown or will show: “User pathfinding search operation was unsuccessful”
- The log is not archived off of the data store

## Motivational quote

### MQ1 User Story<sup>[17]</sup>: View Motivational Quote

As an unauthenticated or authenticated user, I can view a different motivational quote every 24 hours, starting at 11:59pm PST, on the main page of the Lifelog site, motivating me to complete my LLIs<sup>[3]</sup>.

**Effort Points** - 100 points

**Complexity** - Medium

#### Data Source

##### Origin

- External

##### Type

- Snapshot

##### Details

- <https://github.com/ShivaliGoel/Quotes-500K>
- A publicly available dataset of quotes, complete with authors and tags specifying the type of the quote.

##### AuthN

- None, snapshot of public data

## **App Permissions**

- Permission: Read
- Scope: Lifelog User Account

**Target Audience** - All types of users

## **Pre-conditions**

1. The user has access to Lifelog site

## **Success Outcome(s) -**

- The datastore outputs a complete quote with associated author
- The quote is properly displayed on the main page of Lifelog both for authenticated and anonymous users
- The quote is changed exactly at 12:00am PST every day.
- Quotes are recycled after 6 months
- A placeholder message is displayed if the server fails to respond with a motivational quote
- The motivational quote request from the relational database is logged in the persistent data store
- The following is included in the log:
  - Timestamp
    - The logs will include a PST timestamp
    - Timestamp will be in YYYY-MM-DD-hh-mm-ss format
    - When the request for the quote was made from the persistent data store
    - When the motivational quote is available to view for the user
  - Log type (Success)
  - Log message: "Quote Request operation completed successfully"
- The log is archived off of the persistent data store

## **Failure Outcome(s) -**

- The datastore is not able to output a complete quote with associated author

- The quote is either not properly displayed or not displayed at all on the main page of Lifelog both for authenticated and anonymous users
- The quote changed either before or after 12:00 am PST
- The quote has not changed at 12:00 am PST
- The quote has not been continually changing exactly at 12:00am PST
- A placeholder motivational quote is not displayed if the server fails to respond with a motivational quote
- The motivational quote request from the relational database either does not work or is improperly pulled, a failure log will be stored in the persistent data store
- The failure log includes the following:
  - Timestamp
    - The logs will include a PST timestamp
    - Timestamp will be in YYYY-MM-DD-hh-mm-ss format
    - When the request for the quote was made from the persistent data store
    - When the motivational quote is available to view for the user
  - Log type (failure)
  - Log message: "Quote Request operation was unsuccessful"
- The log is archived off of the persistent data store