

Integration/Backend Documentation

Sign- up:

Function:

Name: register

Parameters: email: string, password: string, answeredTag: int, userTags: string []

Return type: Promise<UserCredentials>

What it does: takes an email, a password and creates a new user account with those credentials then it routes user to homePage.

Function:

Name: fetchAnalyticsQueries

Parameters: none

Return type: Promise<questionnaire>

What it does: fetches questions to display to new user for data analytics.

Homepage:

Function:

Name: likePost

Parameters: postId

Return type: void

What it does:likes particular post.

Function:

Name: dislikePost

Parameters: postId

Return type: void

What it does:dislikes particular post.

Function:

Name: comment

Parameters: postId, userId

Return type: void

What it does:creates comment for a post.

Function: [AI1]

Name: dailyRecommendations

Parameters: userId, currentTime

Return type: Promise<Media>

What it does: triggers AI1 to make media recommendations and then returns the top recommendations. The list changes daily.

Function:[AI2]

Name: getFeed

Parameters: userId

Return type: Promise<Posts>

What it does: triggers AI2 to recommend posts related to current user communities, media likes and similar communities and then returns these posts.

Function:

Name: getEvents

Parameters: userId

Return type: Promise<Events>

What it does: gets the events for the currentUser.

Function:

Name: getNotifications

Parameters: userId

Return type: Promise<Notifications>

What it does: gets the notifications for the currentUser.

Function:

Name: getMessages

Parameters: userId

Return type: Promise<Messages>

What it does: gets the messages for the currentUser.

Function: [AI3]

Name: getRecommendedCommunities

Parameters: userId

Return type: Promise<Communities>

What it does: triggers AI3 to return communities with users similar to the current user based on analytics data.

Function:

Name: getProfile

Parameters: userId

Return type: Promise<UserProfile>

What it does: gets all user data.

Function:

Name: fetchCommunity

Parameters: communityId

Return type: Promise<Community>

What it does: gets the particular community based on communityId and then redirects to community page.

Function:

Name: joinCommunity

Parameters: userId

Return type: none

What it does: adds the currentUser to the community and changes the joined state button.

Post popup:

Function:

Name: createPost

Parameters: userId, community, category, title, text

Return type: void

What it does: creates a new post by current user.

Function:

Name: createNotification

Parameters: communityId

Return type: void

What it does: creates notification for all users.

Community popup:

Function:

Name: createCommunity

Parameters: name, type, ageRestriction, category

Return type: Promise<Community>

What it does: creates a new community.

Community page:

Function:

Name: displayCommunity

Parameters: none

Return type: Community

What it does: returns Community object fetched by fetchCommunity in homePage .

Function:

Name: fetchCommunityPosts

Parameters: communityId

Return type: Posts

What it does: returns posts from the current community.

Function:

Name: fetchCommunityEvents

Parameters: communityId

Return type: Events

What it does: returns events from the current community.

Function:

Name: joinCommunity

Parameters: userId, communityId

Return type: void

What it does: adds the currentUser to the community and changes the joined state button.

Function:

Name: addUserToNotificationsList

Parameters: userId, communityId

Return type: void

What it does: sends the current user's post and adds it to community posts if the user is a member .

Function:

Name: sendCommunityPost

Parameters: Post, userId

Return type: Promise<Posts>

What it does: sends the current user's post and adds it to community posts if the user is a member .

Profile - current user:

Function:

Name: `getProfile`

Parameters: none

Return type: Profile

What it does: returns Profile object fetched by `getProfile` in `homePage` .

Function:

Name: `fetchProfilePosts`

Parameters: `userId`

Return type: Posts

What it does: returns posts from the current user.

Function:

Name: `fetchProfileComments`

Parameters: `userId`

Return type: Comments

What it does: returns comments from the current user.

Function:

Name: `fetchProfileReviews`

Parameters: `userId`

Return type: Reviews

What it does: returns reviews by the current user.

Function:

Name: `fetchProfileEvents`

Parameters: `userId`

Return type: Events

What it does: returns events the current user is linked to.

Function:

Name: `fetchTopCommunities`

Parameters: `userId`

Return type: `Promise<Communities>`

What it does: returns communities user is involved with the most.

Function:

Name: `fetchAwards`

Parameters: `awardNames: string []`,

Return type: Awards []

What it does: returns awards for the user from Profile.

Dedicated Search:

Function:

Name: fetchAllPosts

Parameters: none

Return type: Promise<Posts>

What it does: returns all posts ever generated on app.

Function:

Name: fetchAllMedia

Parameters: none

Return type: Promise<Media>

What it does: returns all media on app.

Function:

Name: fetchAllUsers

Parameters: none

Return type: Promise<Users>

What it does: returns all users on app.

Function:

Name: fetchAllCommunities

Parameters: none

Return type: Promise<Communities>

What it does: returns all Communities on app.

Profile-other user:

Function:

Name: displayOtherProfile

Parameters: otherUserId

Return type: Promise<Profile>

What it does: returns Profile of some other user .

Function:

Name: fetchOtherProfilePosts

Parameters: otherUserId

Return type: Posts

What it does: returns posts from the other user.

Function:

Name: fetchOtherProfileComments

Parameters: otherUserId

Return type: Comments

What it does: returns comments from the other user.

Function:

Name: fetchOtherProfileReviews

Parameters: otherUserId

Return type: Reviews

What it does: returns reviews by the other user.

Function:

Name: fetchOtherProfileEvents

Parameters: otherUserId

Return type: Events

What it does: returns events the other user is linked to.

Function:

Name: fetchOtherTopCommunities

Parameters: otherUserId

Return type: Promise<Communities>

What it does: returns communities user is involved with the most by posts.

Function:

Name: fetchOtherAwards

Parameters: otherAwardNames, string []

Return type: Awards []

What it does: returns awards for the other user from Profile.

Function:

Name: getChat

Parameters: userId, otherUserId

Return type: Reviews

What it does: creates chat if one does not exist already.