

Cloud Server Game API:

All Endpoints used for Hangman game

Updated February 10, 2019

Routes for Android to Pepper:

Start Game

Description:

Used by Android Application to request a game

Path: /startgame

Method: POST

Input: JSON

android_username (String)

hint (String)

word (String)

pep_id (String)

FBToken (String)

ASK (String)

Success:

Code: 200

Error:

Code: 500 Internal Server Error

-Check Cloud Server logs for details

Code: 400 Bad Request

-missing input data

Code: 403 Forbidden

-request failed ASK authentication check

Code: 406 Not Acceptable

-pep_id not found in database

Code: 409 Conflict

-user not found in database

Code: 410 Gone

-failed to connect to pepper

Data sent to Pepper:

android_username, hint, word

Send Results

Description:

Used by Android Application to send game results

Path: /sendresults

Method: POST

Input: JSON

android_username (String)

time_taken (String)

lives_left (String)

pep_id (String)

ASK (String)

Success:

Code: 200

Error:

Code: 500 Internal Server Error

-Check Cloud Server logs for details

Code: 400 Bad Request

-missing input data

Code: 403 Forbidden

-request failed ASK authentication check

Code: 406 Not Acceptable

-pep_id not found in database

Code: 409 Conflict

-user not found in database

Code: 410 Gone

-failed to connect to pepper

Data sent to Pepper:

time_taken, lives_left

Pepper Animation

Description:

Used by Android Application to make Pepper move or make sounds

Path: /pepperanimation

Method: POST

Input: JSON

android_username (String)

animation (String)

pep_id (String)

ASK (String)

Success:

Code: 200

Error:

Code: 500 Internal Server Error

-Check Cloud Server logs for details

Code: 400 Bad Request

-missing input data

Code: 403 Forbidden

-request failed ASK authentication check

Code: 406 Not Acceptable

-pep_id not found in database

Code: 409 Conflict

-user not found in database

Code: 410 Gone

-failed to connect to pepper

Data sent to Pepper:

animation

Routes for Pepper to Android:

Accept Game

Description:

Used by Pepper Application to tell Android it accepts the game request

Path: /acceptgame

Method: POST

Input: JSON

android_username (String)

pepper_username (String)

hint (String)

word (String)

PSK (String)

pep_id (String)

Success:

Code: 200

Error:

Code: 500 Internal Server Error

-Check Cloud Server logs for details

Code: 400 Bad Request

-missing input data

Code: 410 Gone

-failed to send data to Android

Code: 409 Conflict

-couldn't find record in database

Content: JSON

Error: User not found

OR

Error: pep_id not found

Data sent to Android:

pepper_username, hint, word,

path (String)

-path = "acceptgame"

End Game

Description:

Used by Pepper Application to send end game information to Android

Path: /endgame

Method: POST

Input: JSON

victory (Int)	-0 android lost, 1 tie, 2 android win
android_username (String)	
PSK (String)	
pep_id (String)	

Success:

Code: 200

Error:

Code: 500 Internal Server Error	-Check Cloud Server logs for details
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Code: 400 Bad Request	-missing input data
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Code: 410 Gone	-failed to send data to Android
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Code: 409 Conflict	-couldn't find record in database
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Content: JSON

Error: User not found

OR

Error: pep_id not found

Data sent to Android:

victory,

path (String)	-path = "endgame"
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Android Animation

Description:

Used by Pepper Application to make Android phone vibrate/play sounds

Path: /androidanimation

Method: POST

Input: JSON

animation (String)
android_username (String)
PSK (String)
pep_id (String)

Success:

Code: 200

Error:

Code: 500 Internal Server Error	-Check Cloud Server logs for details
Code: 400 Bad Request	-missing input data
Code: 410 Gone	-failed to send data to Android
Code: 409 Conflict	-couldn't find record in database

Content: JSON

Error: User not found

OR

Error: pep_id not found

Data sent to Android:

animation,
path (String)

-path = "androidanimation"

Deny

Description:

Sent by Pepper Application to deny start game request from Android

Path: /deny

Method: POST

Input: JSON

android_username (String)

PSK (String)

pep_id (String)

Success:

Code: 200

Error:

Code: 500 Internal Server Error

-Check Cloud Server logs for details

Code: 400 Bad Request

-missing input data

Code: 410 Gone

-failed to send data to Android

Code: 409 Conflict

-couldn't find record in database

Content: JSON

Error: User not found

OR

Error: pep_id not found

Data sent to Android:

path (String)

-path = "deny"