# HU Allocation API Documentaion

## Product

APIs for product analysis and allocation.

It contains following requests:

1. Get all section lead remarks.
2. Get section lead remarks by email
3. Get all product detail.
4. Get a single product detail.
5. Get product details by id.
6. Get preferences of a linker by email.
7. Get all the linkers with a particular track as first preference.
8. Get the product allocated to all linkers.
9. Get all the product allocated to a linker by email.
10. Get all linkers with a particular track.
11. Post product detail.
12. Post product detail of all products.
13. Post product preference of a linker
14. Product allocated based on score
15. Product allocated based on ratings
16. Product allocated based on only ratings

### GET

### Get all section lead remarks

https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/section-lead-remarks

### GET

### Get the section lead remark for a particular linker through email

https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/section-lead-remarks/edorkins0

Example

Get the section lead remark by email

Request

cURL

curl --location --request GET '<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/section-lead-remarks/edorkins0>'

Response

Body

Headers

json

{  
 "id": 1,  
 "email": "edorkins0",  
 "effort": 1  
}

### GET

### Get all product detail

https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/product-detail

### GET

### Get product details by Id

<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/product-detail/id/9>

Make things easier for your teammates with a complete request description.

Example

Get product detail by id example

Request

cURL

curl --location --request GET '<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/product-detail/id/9>'

Response

Body

Headers

json

{  
 "id": 9,  
 "name": "Hobby groups app in companies",  
 "description": "Build a portal where employees can enroll and socialize."  
}

### GET

### Get preference of a linker by email

<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/product-pref/email/>

### GET

### Get a single product details

https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/product-detail/name/SWIPE

### GET

### Get all the linkers with a particular product as first preference

<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/product-pref/preference/Hobby>

Example

Linkers with particular track as first preference example

Request

cURL

curl --location --request GET '<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/product-pref/preference/Hobby> groups app in companies'

Response

Body

Headers

json

[  
 {  
 "id": 10,  
 "email": "bseary9",  
 "preference\_1": "Hobby groups app in companies",  
 "preference\_2": "Food@Workplace",  
 "preference\_3": "Pod.com"  
 },  
 {  
 "id": 11,  
 "email": "ekenwortha",  
 "preference\_1": "Hobby groups app in companies",  
 "preference\_2": "Food@Workplace",  
 "preference\_3": "Pod.com"  
 },  
 {  
 "id": 14,  
 "email": "scrosserd",  
 "preference\_1": "Hobby groups app in companies",  
 "preference\_2": "Digiart/Art share",  
 "preference\_3": "High Court Case Database"  
 },  
 {  
 "id": 37,  
 "email": "ndelany10",  
 "preference\_1": "Hobby groups app in companies",  
 "preference\_2": "Digiart/Art share",  
 "preference\_3": "Parking Slot Booking"  
 },  
 {  
 "id": 44,  
 "email": "sluckwell17",  
 "preference\_1": "Hobby groups app in companies",  
 "preference\_2": "Digiart/Art share",  
 "preference\_3": "Pod.com"  
 },  
 {  
 "id": 49,  
 "email": "bdarrach1c",  
 "preference\_1": "Hobby groups app in companies",  
 "preference\_2": "Food@Workplace",  
 "preference\_3": "Pod.com"  
 },  
 {  
 "id": 55,  
 "email": "jtrembath1i",  
 "preference\_1": "Hobby groups app in companies",  
 "preference\_2": "Food@Workplace",  
 "preference\_3": "IPL Fantasy Game"  
 },  
 {  
 "id": 65,  
 "email": "jhegel1s",  
 "preference\_1": "Hobby groups app in companies",  
 "preference\_2": "Hashedin Projects",  
 "preference\_3": "Covid seating"  
 },  
 {  
 "id": 76,  
 "email": "mchomicz23",  
 "preference\_1": "Hobby groups app in companies",  
 "preference\_2": "Hashedin Projects",  
 "preference\_3": "Idea Collaborator"  
 },  
 {  
 "id": 80,  
 "email": "rmurrish27",  
 "preference\_1": "Hobby groups app in companies",  
 "preference\_2": "Food@Workplace",  
 "preference\_3": "Pod.com"  
 },  
 {  
 "id": 89,  
 "email": "dbellison2g",  
 "preference\_1": "Hobby groups app in companies",  
 "preference\_2": "Food@Workplace",  
 "preference\_3": "Pod.com"  
 },  
 {  
 "id": 97,  
 "email": "sannetts2o",  
 "preference\_1": "Hobby groups app in companies",  
 "preference\_2": "Parking Slot Booking",  
 "preference\_3": "Pod.com"  
 },  
 {  
 "id": 98,  
 "email": "avince2p",  
 "preference\_1": "Hobby groups app in companies",  
 "preference\_2": "Digiart/Art share",  
 "preference\_3": "GHOUSE"  
 }  
]

### GET

### Get the products allocated to all linkers

https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/product-allocated

### GET

### Get product allocated to a particular linker by email id

https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/product-allocated/email/edorkins0

Example

Get product allocated to a linker by email example

Request

cURL

curl --location --request GET '<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/product-allocated/email/edorkins0>'

Response

Body

Headers

json

[  
 {  
 "id": 89,  
 "email": "edorkins0",  
 "name": "Ebenezer Dorkins",  
 "product": "GHOUSE",  
 "islead": "No"  
 }  
]

### GET

### Get the linkers allocated with a particular product

<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/product-allocated/product/SWIPE>

Example

Linker with a particular product as preference example

Request

cURL

curl --location --request GET '<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/product-allocated/product/SWIPE>'

Response

Body

Headers

json

[  
 {  
 "id": 3,  
 "email": "gmuehleb",  
 "name": "Glynis Muehle",  
 "product": "SWIPE",  
 "islead": "Yes"  
 },  
 {  
 "id": 51,  
 "email": "dosharryo",  
 "name": "Damara O'Sharry",  
 "product": "SWIPE",  
 "islead": "No"  
 },  
 {  
 "id": 97,  
 "email": "nloyley1d",  
 "name": "Norris Loyley",  
 "product": "SWIPE",  
 "islead": "No"  
 }  
]

### POST

### Post product detail

<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/product-detail>

Example

Post product detail example

Request

cURL

curl --location --request POST '<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/product-detail>' \  
--data-raw '{  
 "name": "Leave System",  
 "description": "Create an application that fits-up the all the scenarios."  
}'

Response

Body

Headers

json

{  
 "id": 42,  
 "name": "Leave System",  
 "description": "Create an application that fits-up the all the scenarios."  
}

### POST

### Post product detail of all products

<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/productdetail-upload>

### POST

### Post product preference of a linker

<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/productpref-upload>

### GET

### Product allocated based on score

<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/perform-product-analysis-score>

### GET

### Product allocated based on ratings

https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/perform-product-analysis-rate

### GET

### Product allocated based on only ratings

https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/perform-product-analysis-only-rate

## Track

API's used wile track analysis and allocation

It contains the following requests:

1. Get track results of all linkers.
2. Get result of a particular linker by email.
3. Get all the tracks allocated to linkers.
4. Get track allocated to a particular linker through email.
5. Get all the linkers in a particular track.
6. Post parallel track preference
7. Post section lead remark
8. Post track result
9. Post parallel track details
10. Track allocated on basis of ratings
11. Track allocated on basis of ratings and effort
12. Track allocated on basis of only ratings
13. Track allocated on basis of only ratings and effort
14. Track allocated on basis of score with effort
15. Track allocated on basis of score with no effort
16. Get parallel track preference

### GET

### Get track results of all linkers

### GET

### Get result of a particular linker by email

<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/track-result/edorkins0>

Make things easier for your teammates with a complete request description.

Example

Get result of a particular linker by email example

Request

cURL

curl --location --request GET '<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/track-result/edorkins0>'

Response

Body

Headers

json

{  
 "id": 1,  
 "email": "edorkins0",  
 "score\_1": 32,  
 "score\_2": 18,  
 "score\_3": 25,  
 "score\_4": 32,  
 "score\_5": 17  
}

### GET

### Get all the track allocated to linkers

<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/track-allocated>

GET

Get parallel track preference

### GET

### Get track allocated to a particular linker through email

<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/track-allocated/email/jtrembath1i>

Example

Get track allocated to a particular linker through email example

Request

cURL

curl --location --request GET '<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/track-allocated/email/jtrembath1i>'

Response

Body

Headers

json

[  
 {  
 "id": 2,  
 "email": "jtrembath1i",  
 "name": "Jennee Trembath",  
 "avg\_score": 33,  
 "assigned\_track": "Advance Angular"  
 }  
]

### GET

### Get all the linkers in a particular track

<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/track-allocated/track/Advance> Angular

Example

Get all linkers in particular track example

Request

cURL

curl --location --request GET '<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/track-allocated/track/Advance> Angular'

Response

Body

Headers

json

[  
 {  
 "id": 2,  
 "email": "jtrembath1i",  
 "name": "Jennee Trembath",  
 "avg\_score": 33,  
 "assigned\_track": "Advance Angular"  
 },  
 {  
 "id": 5,  
 "email": "sturmall1",  
 "name": "Shela Turmall",  
 "avg\_score": 32.4,  
 "assigned\_track": "Advance Angular"  
 },  
 {  
 "id": 7,  
 "email": "sstrettell1g",  
 "name": "Saidee Strettell",  
 "avg\_score": 32,  
 "assigned\_track": "Advance Angular"  
 },  
 {  
 "id": 11,  
 "email": "sbakewellw",  
 "name": "Sauveur Bakewell",  
 "avg\_score": 31,  
 "assigned\_track": "Advance Angular"  
 },  
 {  
 "id": 14,  
 "email": "cantley1h",  
 "name": "Camille Antley",  
 "avg\_score": 30.6,  
 "assigned\_track": "Advance Angular"  
 },  
 {  
 "id": 17,  
 "email": "ehurlec",  
 "name": "Esra Hurle",  
 "avg\_score": 30,  
 "assigned\_track": "Advance Angular"  
 },  
 {  
 "id": 19,  
 "email": "fhindmorem",  
 "name": "Florina Hindmore",  
 "avg\_score": 30,  
 "assigned\_track": "Advance Angular"  
 },  
 {  
 "id": 21,  
 "email": "dreubel29",  
 "name": "Donaugh Reubel",  
 "avg\_score": 29.8,  
 "assigned\_track": "Advance Angular"  
 },  
 {  
 "id": 23,  
 "email": "ndelany10",  
 "name": "Noak Delany",  
 "avg\_score": 29.8,  
 "assigned\_track": "Advance Angular"  
 },  
 {  
 "id": 29,  
 "email": "rmurrish27",  
 "name": "Rebbecca Murrish",  
 "avg\_score": 28.8,  
 "assigned\_track": "Advance Angular"  
 },  
 {  
 "id": 30,  
 "email": "rkoenraad1o",  
 "name": "Regine Koenraad",  
 "avg\_score": 28.8,  
 "assigned\_track": "Advance Angular"  
 },  
 {  
 "id": 31,  
 "email": "rmaclean2d",  
 "name": "Rivkah Maclean",  
 "avg\_score": 28.8,  
 "assigned\_track": "Advance Angular"  
 },  
 {  
 "id": 39,  
 "email": "dwildsmith8",  
 "name": "Dolley Wildsmith",  
 "avg\_score": 28.2,  
 "assigned\_track": "Advance Angular"  
 },  
 {  
 "id": 41,  
 "email": "lhiddsleyy",  
 "name": "Linzy Hiddsley",  
 "avg\_score": 28,  
 "assigned\_track": "Advance Angular"  
 },  
 {  
 "id": 47,  
 "email": "bstokell2f",  
 "name": "Babara Stokell",  
 "avg\_score": 27.6,  
 "assigned\_track": "Advance Angular"  
 },  
 {  
 "id": 55,  
 "email": "gpoetz2r",  
 "name": "Griffith Poetz",  
 "avg\_score": 27,  
 "assigned\_track": "Advance Angular"  
 },  
 {  
 "id": 57,  
 "email": "rdawidowsky4",  
 "name": "Ricoriki Dawidowsky",  
 "avg\_score": 26.8,  
 "assigned\_track": "Advance Angular"  
 },  
 {  
 "id": 63,  
 "email": "sghidoli2k",  
 "name": "Scotti Ghidoli",  
 "avg\_score": 26.4,  
 "assigned\_track": "Advance Angular"  
 },  
 {  
 "id": 67,  
 "email": "scrosserd",  
 "name": "Sheelagh Crosser",  
 "avg\_score": 26.2,  
 "assigned\_track": "Advance Angular"  
 },  
 {  
 "id": 70,  
 "email": "tfaasp",  
 "name": "Tiffani Faas",  
 "avg\_score": 26.2,  
 "assigned\_track": "Advance Angular"  
 }  
]

### POST

### Post parallel track preference

<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/parallelpref-upload>

### POST

### Post section lead remark

<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/sectionlead-upload>

### POST

### Post track result

<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/trackresult-upload>

### POST

### Post parallel track details

<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/paralleltrack-upload>

### GET

### Track allocated on basis of ratings

### https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/perform-track-analysis-rate-no

### GET

### Track allocated on basis of rating and effort

<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/perform-track-analysis-rate-yes>

### GET

### Track allocated on basis of only ratings

https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/perform-track-analysis-only-rate-no

### GET

### Track allocated on basis of only ratings and effort

https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/perform-track-analysis-only-rate-yes

### GET

### Track allocated on basis of score with effort

https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/perform-track-analysis-score-yes

### GET

### Track allocated on basis of score with no effort

https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/perform-track-analysis-score-no

### GET

Get parallel track preference

https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/parallel-track-pref

## User

API collection for user(linker/director) basic functionalities

It contains following requests:

1. User login
2. User logout
3. Get all linkers data
4. Get linkers data by email
5. Post all linkers data

### GET

https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/admin/

admin/

### POST

### User login

<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/login>

### POST

### User login

https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/logout

### GET

### Get all linkers data

https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/linker-data/

### GET

### Get a linkers detail by email

https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/linker-data/edorkins0

Example

Get linkers detail by email example

Request

cURL

curl --location --request GET '<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/linker-data/edorkins0>'

Response

Body

Headers

json

{  
 "id": 1,  
 "email": "edorkins0",  
 "name": "Ebenezer Dorkins",  
 "section": "B"  
}

### GET

### Check user

https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/check-user/edorkins0

### GET

### Change password

<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/user/change-password>

### Post

Post linkers data

https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/linkerdata-upload

## Notification

API collection for notification service:

It includes the following requests:

1. Get notification sent to all linkers.
2. Get notification by id

### GET

### Get notifications sent to all linkers

<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/notification>

### GET

### Get notification by id

<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/notification/11>

Example

Notification by id example

Request

cURL

curl --location --request GET '<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/notification/11>'

View more

Response

Body

Headers

json

[  
 {  
 "id": 26,  
 "sender": "HUDIRECTOR",  
 "receiver": "brooper11",  
 "message": "Hello4",  
 "is\_seen": **false**,  
 "message\_all": **true**,  
 "is\_sent": **true**,  
 "noti\_dttime": "2022-04-11T20:07:59.128000+05:30"  
 },  
 {  
 "id": 25,  
 "sender": "HUDIRECTOR",  
 "receiver": "brooper11",  
 "message": "Hello3",  
 "is\_seen": **false**,  
 "message\_all": **true**,  
 "is\_sent": **true**,  
 "noti\_dttime": "2022-04-11T20:07:59+05:30"  
 },  
 {  
 "id": 23,  
 "sender": "HUDIRECTOR",  
 "receiver": **null**,  
 "message": "Hello1",  
 "is\_seen": **false**,  
 "message\_all": **true**,  
 "is\_sent": **true**,  
 "noti\_dttime": "2022-04-11T20:07:33.648000+05:30"  
 }  
]

**More apis:**

[https://huallocation-backend-urtjok3rza-wl.a.run.app/](https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/)HUAllocation/ send-email

https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/post-notif

**Main URL :**

<https://huallocation-backend-urtjok3rza-wl.a.run.app/HUAllocation/>