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**ERROR CODES**

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| --- | --- |
| Code | Message |
|  |  |
| 100 | Action Successful. |
|  |  |
| 101 | User already Coordinator |
| 102 | Unauthorized Hash |
| 103 | User not a Coordinator. |
| 104 | Email Id already Exists. |
| 105 | User Profile Exists. |
| 106 | User Profile Does Not Exist. |
| 107 | Subject ID invalid. |
| 108 | Subject Exists, contact admin. |
| 109 | User may not have admin privileges. |
| 110 | USER not ADMIN\_PRIME. |
| 111 | USER not ADMIN |
| 112 | USER already ADMIN |
| 113 | USER id not ADMIN |
| 114 | user id not exist |
| 115 | admin n privilege pair exists. |
| 116 | admin privilege does not exist. |
| 117 | admin privilege exists. |
| 118 | admin does not have necessary privileges. |
| 119 | prime coordinator already assigned to subject |
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|  |  |
| 401 | Json formatting error. |
| 402 | Key error. |
| 403 | Invalid Action/Method error. |
|  |  |
| 404 | Unexpected Error, Message accompanied. |
|  |  |
| 405 | Serialization Error. |
| 406 | Invalid api version specified. |
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API

User Credential API: **server\_url/api/user/user/**

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| --- | --- | --- | --- |
| [POST] user-signup | | | |
| Variable | Datatype | Mandatory | Description |
| action | string | yes | put "signup” as parameter. |
| api\_v | string | yes | api version currently 1.0 |
| data.user\_f\_name | string | yes | user’s first name, capitalize |
| data.user\_m\_name | string | no | user’s middle name, capitalize, if any. |
| data.user\_l\_name | string | yes | user’s last name, capitalize |
| data.user\_email | string | yes | proper formatted email, place check on frontend. |
| data.user\_password | string | yes | min 8 character,  characters, numbers. |
| data.user\_security\_question | string | no | user specified security question, if any |
| data.user\_security\_answer | string | no | user specified security answer, if any. |
|  |  |  |  |



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| --- | --- | --- | --- |
| [POST] user-signin | | | |
| Variable | Datatype | Mandatory | Description |
| action | string | yes | put "signin/login” as parameter. |
| api\_v | string | yes | api version currently 1.0 |
| data.user\_email | string | yes | proper formatted email id, place check on frontend. |
| data.user\_password | string | yes | min 8 character,  [a-zA-Z0-9~!@#$%^&\*()\_+] |
|  |  |  |  |



|  |  |  |  |
| --- | --- | --- | --- |
| [POST] user-signout | | | |
| Variable | Datatype | Mandatory | Description |
| action | string | yes | put "signout/logout” as parameter. |
| api\_v | string | yes | api version currently 1.0 |
| data.hash | string | yes | user validation hash from stored in frontend or client cookie. |
|  |  |  |  |
|  |  |  |  |



|  |  |  |  |
| --- | --- | --- | --- |
| [DELETE] user-delete (delete account) | | | |
| Variable | Datatype | Mandatory | Description |
| api\_v | string | yes | api version currently 1.0 |
| data.hash | string | yes | user validation hash from stored in frontend or client cookie. |
|  |  |  |  |



|  |  |  |  |
| --- | --- | --- | --- |
| [PUT] user-put (change credential data) | | | |
| Variable | Datatype | Mandatory | Description |
| data.hash | string | yes | user validation hash from stored in frontend or client cookie. |
| api\_v | string | yes | api version currently 1.0 |
| data.data.user\_f\_name | string | yes | user’s first name, capitalize |
| data.data.user\_m\_name | string | no | user’s middle name, capitalize |
| data.data.user\_l\_name | string | yes | user’s last name, capitalize |
| data.data.user\_email | string | yes | user’s original email or changed email. |
|  |  |  |  |



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| --- | --- | --- | --- |
| [FETCH] user-fetch (get data for specific account) | | | |
| Variable | Datatype | Mandatory | Description |
| api\_v | string | yes | api version currently 1.0 |
| data.hash | string | yes | user validation hash from stored in frontend or client cookie. |
|  |  |  |  |



User Profile API: **server\_url/api/user/profile**

|  |  |  |  |
| --- | --- | --- | --- |
| [POST] user\_profile-add\_profile | | | |
| Variable | Datatype | Mandatory | Description |
| data.hash | string | yes | user validation hash from stored in frontend or client cookie. |
| api\_v | string | yes | api version currently 1.0 |
| data.data.user\_profile\_headline | string | yes | profile headline |
| data.data,user\_bio | string | no | user full descriptive bio. |
| data.data.user\_english\_efficiency | number | yes | 1 -> **Beginner**, default  2 -> Intermediate  3 -> Advanced |
| data.data.user\_git\_profile | url | no | user’s github profile link, if any |
| data.data.user\_likedin\_profile | url | no | user’s linkedin profile link, if any |
| data.data.user\_profile\_pic\_url | 404 | 404 | 404, **under construction** |
| data.data.user\_roll\_number | number | yes | 12 digit university roll |
|  |  |  |  |



|  |  |  |  |
| --- | --- | --- | --- |
| [DELETE] user\_profile-delete\_profile | | | |
| Variable | Datatype | Mandatory | Description |
| data.hash | string | yes | user validation hash from stored in frontend or client cookie. |
| api\_v | string | yes | api version currently 1.0 |
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| --- | --- | --- | --- |
| [PUT] user\_profile-changes\_to\_profile | | | |
| Variable | Datatype | Mandatory | Description |
| data.hash | string | yes | user validation hash from stored in frontend or client cookie. |
| api\_v | string | yes | api version currently 1.0 |
| data.data.user\_profile\_headline | string | yes | profile headline |
| data.data,user\_bio | string | no | user full descriptive bio. |
| data.data.user\_english\_efficiency | number | yes | 1 -> **Beginner**  2 -> Intermediate  3 -> Advanced |
| data.data.user\_git\_profile | url | no | user’s github profile link |
| data.data.user\_likedin\_profile | url | no | user’s linkedin profile link |
| data.data.user\_profile\_pic\_url | 404 | 404 | 404 |
| data.data.user\_roll\_number | number | yes | 12 digit university roll |
|  |  |  |  |



|  |  |  |  |
| --- | --- | --- | --- |
| [FETCH] – fetch\_user\_profile\_data | | | |
| Variable | Datatype | Mandatory | Description |
| data.hash | string | yes | user validation hash from stored in frontend or client cookie. |
| api\_v | string | yes | api version currently 1.0 |
|  |  |  |  |



Admin Credential API: **server\_url/api/admin/admin/**

|  |  |  |  |
| --- | --- | --- | --- |
| [POST] – add new simple admin by prime admin | | | |
| Variable | Datatype | Mandatory | Description |
| data.hash | string | yes | user validation hash from stored in frontend or client cookie. |
| data.data.user\_credential\_id | number | yes | user id to get admin access |
| api\_v | string | yes | api version currently 1.0 |
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|  |  |  |  |



|  |  |  |  |
| --- | --- | --- | --- |
| [DELETE] – delete self admin OR delete simple admin from prime | | | |
| Variable | Datatype | Mandatory | Description |
| data.hash | string | yes | user validation hash from stored in frontend or client cookie. |
| data.data.user\_credential\_id | number | no | user id to revoke admin access, or don’t include attribute if self revoke. |
| api\_v | string | yes | api version currently 1.0 |
|  |  |  |  |



|  |  |  |  |
| --- | --- | --- | --- |
| [PUT] - change self admin OR change simple admin from prime | | | |
| Variable | Datatype | Mandatory | Description |
| api\_v | string | yes | api version currently 1.0 |
| data.hash | string | yes | user validation hash from stored in frontend or client cookie. |
| data.data.user\_credential\_id | number | no | only if adding privileges to others, no need if action on self |
| data.data.privileges | array(int) | yes | privilege id can be tracked from admin privilege api  positive : enforce privilege  negative : retract privilege. |
|  |  |  |  |



|  |  |  |  |
| --- | --- | --- | --- |
| [FETCH] get admin privilege data | | | |
| Variable | Datatype | Mandatory | Description |
| api\_v | string | yes | api version currently 1.0 |
| data.hash | string | yes | user validation hash from stored in frontend or client cookie. |
| data.data.user\_credential\_id | number | no | only if hash owner is prime admin, then can view other admin status |
|  |  |  |  |



Admin Privilege API: **server\_url/api/admin/privilege/**

|  |  |  |  |
| --- | --- | --- | --- |
| [POST] add new admin privilege | | | |
| Variable | Datatype | Mandatory | Description |
| api\_v | string | yes | api version currently 1.0 |
| data.hash | string | yes | prime admin validation hash from stored in frontend or client cookie. |
| data.data.admin\_privilege\_name | string | yes | code name of privilege containing no more than 10 alphabetic character |
| data.data.admin\_privilege\_description | string | yes | brief description of admin privilege being initialized |
|  |  |  |  |

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| --- | --- | --- | --- |
| [DELETE] remove admin privilege | | | |
| Variable | Datatype | Mandatory | Description |
| api\_v | string | yes | api version currently 1.0 |
| data.hash | string | yes | prime admin validation hash from stored in frontend or client cookie. |
| data.admin\_privilege\_id | number | yes | privilege id |
|  |  |  |  |

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| --- | --- | --- | --- |
| [FETCH] get admin privilege data | | | |
| Variable | Datatype | Mandatory | Description |
| api\_v | string | yes | api version currently 1.0 |
| data.hash | string | yes | prime admin validation hash from stored in frontend or client cookie. |
| data.admin\_privilege\_id | array(integer) | yes | [0]-> all  or an array of ids |
|  |  |  |  |

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Coordinator API: **server\_url/api/content/coordinator/**

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| --- | --- | --- | --- |
| [POST] – coordinator set | | | |
| Variable | Datatype | Mandatory | Description |
| data.hash | string | yes | admin validation hash from stored in frontend or client cookie. |
| api\_v | string | yes | api version currently 1.0 |
| data.user\_credential\_id | array(integer) | yes | user to be granted coordinator role by special admins. **COPG** |
|  |  |  |  |



|  |  |  |  |
| --- | --- | --- | --- |
| [DELETE] – coordinator remove | | | |
| Variable | Datatype | Mandatory | Description |
| data.hash | string | yes | admin validation hash from stored in frontend or client cookie. |
| api\_v | string | yes | api version currently 1.0 |
| data.user\_credential\_id | array(integer) | no | don’t include if self-revoke, or else for **COPG** admin revoking others inclusion necessary. |
|  |  |  |  |



|  |  |  |  |
| --- | --- | --- | --- |
| [FETCH] – coordinator get self or all | | | |
| Variable | Datatype | Mandatory | Description |
| data.hash | string | yes | admin validation hash from stored in frontend or client cookie. |
| api\_v | string | yes | api version currently 1.0 |
| data.user\_credential\_id | array(integer) | yes | [0]-> all  or an array of ids |
|  |  |  |  |



Subject API: **server\_url/api/content/subject/**

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| --- | --- | --- | --- |
| [POST] – Add new subject | | | |
| Variable | Datatype | Mandatory | Description |
| data.hash | string | yes | admin validation hash from stored in frontend or client cookie. |
| api\_v | string | yes | api version currently 1.0 |
| data.data.subject\_name | string | yes | Name of subject (be precise) |
| data.data.subject\_description | stirng | yes | a brief but precise description |
|  |  |  |  |



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| --- | --- | --- | --- |
| [Delete] – delete subjects in bunch | | | |
| Variable | Datatype | Mandatory | Description |
| data.hash | string | yes | admin validation hash from stored in frontend or client cookie. |
| api\_v | string | yes | api version currently 1.0 |
| data.subject\_id | array(integer) | yes | an array of subject ids |
|  |  |  |  |



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| --- | --- | --- | --- |
| [FETCH] – get subject data in bunch | | | |
| Variable | Datatype | Mandatory | Description |
| data.hash | string | yes | admin validation hash from stored in frontend or client cookie. |
| api\_v | string | yes | api version currently 1.0 |
| data.subject\_id | array(integer) | yes | [0] -> all  [1,2,3…] -> specific subject ids |
|  |  |  |  |

