SPIN N’ WIN

API Specification

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| **Ver.** | **Date** | **Author** | **Reviewed by** | **Description** |
| 1.0 | 10/29/2016 | Kiran Kurian | Kiran Kurian | Document Created  SignUp Api |
| 1.1 | 11/05/2016 | Kiran Kurian  Amith Damodaran | Kiran Kurian  Amith Damodaran | Added User Access, User Profile, Rewards APIs |

Revision history

# SignUp (POST Method)

Sign up user for the app.

* 1. URL

/nextdigit/v1/useraccess/signup

* 1. Inbound

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Required(R)/Optional(O)** | **Data Type** | **Description/Data Validations** |
| firstName | R | String | First Name of user |
| lastName | R | String | Last Name of user |
| emailId | R | String | Email Id of user |
| phoneNumber | R | String | Phone number of user with country code. Maximum of 12 digits. |
| password | R | String | User entered password |
| confirmPassword | R | String | User re-entered password |
| country | R | String | User country |
| state | R | String | User’s state |
| deviceId | R | String | User’s device id |

* 1. Sample Request

**Url:** https://useraccessservice.appspot.com/nextdigit/v1/useraccess/signup

**Headers:**

Content-Type: application/json

Accept: application/json

Authorization: appname | clientId

{

"firstName": "Joseph",

"lastName": "Alex",

"emailId": "collector@gmail.com",

"phoneNumber": "919447111111",

"password": "asdf1234",

"verifyPassword": "asdf1234",

"state": "MN",

"deviceId": "002ebf12-a125-5ddf-a739-67c3c5d20177"

}

* 1. Outbound

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Required(R)**  **Optional(O)**  **Conditional(C)** | **Data Type** | **Description/Data Validations** |
| status | R | String | **Success**-Sign up success  **Failure**-Sign up failure |
| responseMessage | R | String | Message to be displayed back to user |
| accessToken | C | String | Access token for user when sign up is successful |
| refreshToken | C | String | Refresh token for user when sign up is successful |
| userId | C | String | User id for user if sign up is successful |
| validationType | O | String | **Email**- Email validation required  **Phone**-Phone validation required  **N**- No validation required  This will be defaulted to phone validation |

* 1. Sample Response

{

}

* 1. Failure Scenario

**Request**

{

}

**Response:**

{

}

* 1. Response codes

|  |  |  |  |
| --- | --- | --- | --- |
| **HTTP Status** | **Response Code** | **Message** | **Description** |
| 200 |  |  | Success |
| 400 | validation.error |  | Validation Error |
| 500 | internal.error | Unexpected error occured | Internal server error |
| 404 | not.found | Not Found | Not found |

# SignIn (POST Method)

Sign in user for the app.

* 1. URL

/nextdigit/v1/useraccess/signin

### Inbound

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Required(R)/Optional(O)/ Conditional(C)** | **Data Type** | **Description/Data Validations** |
| emailId | C | String | Email login |
| phoneNumber | C | String | Phone number login |
| password | R | String | User entered password |
| deviceId | R | String | User device Id |

### Sample Request

**Url:** https://useraccessservice.appspot.com/nextdigit/v1/useraccess/signin

**Headers:**

Content-Type : application/json

Accept: application/json

Authorization: appname | clientId

{

"emailId": "collector@gmail.com",

"password": "asdf1234",

"deviceId": "002ebf12-a125-5ddf-a739-67c3c5d20177"

}

### Outbound

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Required(R)**  **Optional(O)**  **Conditional(C)** | **Data Type** | **Description/Data Validations** |
| status | R | String | **Success**-Sign in success  **Failure**-Sign in failure |
| responseMessage | R | String | Message to be displayed back to user |
| accessToken | C | String | Access token for user if sign in successful. |
| userId | R | String | User id for user |

### Sample Response

{

}

### Failure Scenario

**Request**

{

}

**Response:**

{

}

### Response codes

|  |  |  |  |
| --- | --- | --- | --- |
| **HTTP Status** | **Response Code** | **Message** | **Description** |
| 200 |  |  | Success |
| 400 | validation.error |  | Validation Error |
| 500 | internal.error | Unexpected error occured | Internal server error |
| 404 | not.found | Not Found | Not found |

# Validate (POST Method)

Validate the user.

* 1. URL

/nextdigit/v1/useraccess/validate

### Inbound

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Required(R)/Optional(O)/ Conditional(C)** | **Data Type** | **Description/Data Validations** |
| accessToken | C | String | User Access token |
| refreshToken | C | String | User refresh token, in case access token expired. |
| userId | R | String | User id obtained during sign up |

### Sample Request

**Url:** https://useraccessservice.appspot.com/nextdigit/v1/useraccess/validate

**Headers:**

Content-Type: application/json

Accept: application/json

Authorization: appname | clientId

{

"accessToken ": "sgsdhsdhdjdfjfjfdjdjdfgjfgjfjfg",

"userId": "abcd1234"

}

### Outbound

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Required(R)**  **Optional(O)**  **Conditional(C)** | **Data Type** | **Description/Data Validations** |
| status | R | String | **Success**-Sign in success  **Failure**-Sign in failure |
| responseMessage | R | String | Message to be displayed back to user |
| accessToken | C | String | If the current access token is expired will send new one else existing one |

### Sample Response

{

}

### Failure Scenario

**Request**

{

}

**Response:**

{

}

### Response codes

|  |  |  |  |
| --- | --- | --- | --- |
| **HTTP Status** | **Response Code** | **Message** | **Description** |
| 200 |  |  | Success |
| 400 | validation.error |  | Validation Error |
| 500 | internal.error | Unexpected error occured | Internal server error |
| 404 | not.found | Not Found | Not found |

# Update Profile (POST Method)

Update the user profile

* 1. URL

/nextdigit/v1/userprofile/update

### Inbound

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Required(R)/Optional(O)** | **Data Type** | **Description/Data Validations** |
| currentPassword | O | String | Change password |
| newPassword | C | String | Change password |
| confirmPassword | C | String | Change password |
| addressFirstLine | O | String |  |
| addressNextLine | O | String |  |
| state | O | String |  |
| country | O | String |  |
| phoneNumber | O | String | Will need to verify the updated phone number. |
| firstName | O | String |  |
| lastName | O | String |  |

### Sample Request

**Url:** https://useraccessservice.appspot.com/nextdigit/v1/userprofile/update

**Headers:**

Content-Type: application/json

Accept: application/json

Authorization: appname | clientId | accessToken

{

"firstName": "Joseph",

"lastName": "Alex",

"emailId": "collector@gmail.com",

"phoneNumber": "919447111111",

"state": "MN"

}

### Outbound

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Required(R)**  **Optional(O)**  **Conditional(C)** | **Data Type** | **Description/Data Validations** |
| status | R | String | **Success**-Sign in success  **Failure**-Sign in failure |
| responseMessage | R | String | Message to be displayed back to user |
| userId | C | String | User id for user |
| addressFirstLine | O | String |  |
| addressNextLine | O | String |  |
| state | O | String |  |
| country | O | String |  |
| phoneNumber | O | String |  |
| firstName | O | String |  |
| lastName | O | String |  |

### Sample Response

{

}

### Failure Scenario

**Request**

{

}

**Response:**

{

}

### Response codes

|  |  |  |  |
| --- | --- | --- | --- |
| **HTTP Status** | **Response Code** | **Message** | **Description** |
| 200 |  |  | Success |
| 400 | validation.error |  | Validation Error |
| 500 | internal.error | Unexpected error occured | Internal server error |
| 404 | not.found | Not Found | Not found |

# GET Profile (GET Method)

Get user profile

* 1. URL

/nextdigit/v1/userprofile/view

### Sample Request

**Url:** https://useraccessservice.appspot.com/nextdigit/v1/userprofile/view

**Headers:**

Content-Type : application/json

Accept: application/json

Authorization: appname | clientId | accessToken

### Outbound

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Required(R)**  **Optional(O)**  **Conditional(C)** | **Data Type** | **Description/Data Validations** |
| status | R | String | **Success**-Sign in success  **Failure**-Sign in failure |
| responseMessage | R | String | Message to be displayed back to user |
| userId | C | String | User id for user |
| addressFirstLine | O | String |  |
| addressNextLine | O | String |  |
| state | O | String |  |
| country | O | String |  |
| phoneNumber | O | String |  |
| firstName | O | String |  |
| lastName | O | String |  |

### Sample Response

{

}

### Failure Scenario

**Request**

{

}

**Response:**

{

}

### Response codes

|  |  |  |  |
| --- | --- | --- | --- |
| **HTTP Status** | **Response Code** | **Message** | **Description** |
| 200 |  |  | Success |
| 400 | validation.error |  | Validation Error |
| 500 | internal.error | Unexpected error occured | Internal server error |
| 404 | not.found | Not Found | Not found |

# Validate Phone Number(POST)

Validate user phone number

* 1. URL

/nextdigit/v1/userprofile/validatephone

### Inbound

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Required(R)/Optional(O)** | **Data Type** | **Description/Data Validations** |
| phoneNumber | R | String |  |
| accessCode | R | String |  |

### Sample Request

**Url:** https://useraccessservice.appspot.com/nextdigit/v1/userprofile/validatephone

**Headers:**

Content-Type : application/json

Accept: application/json

Authorization: appname | clientId | accessToken

{

"phoneNumber": "3243253456",

"accessCode": "122132"

}

### Outbound

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Required(R)**  **Optional(O)**  **Conditional(C)** | **Data Type** | **Description/Data Validations** |
| status | R | String | **Success**-Sign in success  **Failure**-Sign in failure |
| responseMessage | R | String | Message to be displayed back to user |

### Sample Response

{

}

### Failure Scenario

**Request**

{

}

**Response:**

{

}

### Response codes

|  |  |  |  |
| --- | --- | --- | --- |
| **HTTP Status** | **Response Code** | **Message** | **Description** |
| 200 |  |  | Success |
| 400 | validation.error |  | Validation Error |
| 500 | internal.error | Unexpected error occured | Internal server error |
| 404 | not.found | Not Found | Not found |

# Forgot password(POST)

Send temporary password in email.

* 1. URL

/nextdigit/v1/useraccess/forgotpassword

### Inbound

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Required(R)/Optional(O)** | **Data Type** | **Description/Data Validations** |
| email | R | String |  |
| accessCode | C | String |  |
| newPassword | C | String |  |
| confirmPassword | C | String |  |

### Sample Request

**Url:** https://useraccessservice.appspot.com/nextdigit/v1/userprofile/forgotpassword

**Headers:**

Content-Type: application/json

Accept: application/json

Authorization: appname | clientId

{

"emailId": "abcd1234@dsadas.com",

"accessCode": "dsf#234",

"newPassword": "abcd1234",

"confirmPassword": "abcd1234"

}

### Outbound

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Required(R)**  **Optional(O)**  **Conditional(C)** | **Data Type** | **Description/Data Validations** |
| status | R | String | **Success**-Sign in success  **Failure**-Sign in failure |
| responseMessage | R | String | Message to be displayed back to user |
| accessToken | R | String |  |
| userId | R | String |  |

### Sample Response

{

}

### Failure Scenario

**Request**

{

}

**Response:**

{

}

### Response codes

|  |  |  |  |
| --- | --- | --- | --- |
| **HTTP Status** | **Response Code** | **Message** | **Description** |
| 200 |  |  | Success |
| 400 | validation.error |  | Validation Error |
| 500 | internal.error | Unexpected error occured | Internal server error |
| 404 | not.found | Not Found | Not found |

# SignOut(POST)

Signs out the user and terminates the session.

* 1. URL

/nextdigit/v1/useraccess/signout

### Inbound

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Required(R)/Optional(O)** | **Data Type** | **Description/Data Validations** |
| userId | R | String |  |

### Sample Request

**Url:** https://useraccessservice.appspot.com/nextdigit/v1/useraccess/signout

**Headers:** Content-Type: application/json

Accept: application/json

Authorization: appname | clientId | accessToken

{

"userId ": "abcd1234"

}

### Outbound-Same as get profile response

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Required(R)**  **Optional(O)**  **Conditional(C)** | **Data Type** | **Description/Data Validations** |
| status | R | String | **Success**-Sign in success  **Failure**-Sign in failure |
| responseMessage | R | String | Message to be displayed back to user |

### Sample Response

{

}

### Failure Scenario

**Request**

{

}

**Response:**

{

}

### Response codes

|  |  |  |  |
| --- | --- | --- | --- |
| **HTTP Status** | **Response Code** | **Message** | **Description** |
| 200 |  |  | Success |
| 400 | validation.error |  | Validation Error |
| 500 | internal.error | Unexpected error occured | Internal server error |
| 404 | not.found | Not Found | Not found |

# Get User Rewards(GET)

Get all rewards for a user– available and redeemed.

* 1. URL

/nextdigit/v1/rewards?userId={userId}&redeemed=true/false

### Sample Request

**Url:** https://useraccessservice.appspot.com/nextdigit/v1/rewards?userId=abcd1234&redeemed=true

**Headers:**

Content-Type: application/json

Accept: application/json

Authorization: appname | clientId | accessToken

### Outbound

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Required(R)**  **Optional(O)**  **Conditional(C)** | **Data Type** | **Description/Data Validations** |
| status | R | String | **Success**-Sign in success  **Failure**-Sign in failure |
| responseMessage | R | String | Message to be displayed back to user |
| **coupons** |  |  |  |
| couponId | R | String |  |
| couponName | R | String |  |
| couponDescription | R | String |  |
| couponAmount | R | String |  |
| couponPoints | R | String |  |
| currency | R | String |  |
| imageUrl | R | String |  |
| isAvailable | R | Boolean |  |
| avalableCount | R | String |  |
| shortDescription | R | String |  |
| longDescription | R | String |  |
| termsAndConditions | R | String |  |

### Sample Response

{

}

### Failure Scenario

**Request**

{

}

**Response:**

{

}

### Response codes

|  |  |  |  |
| --- | --- | --- | --- |
| **HTTP Status** | **Response Code** | **Message** | **Description** |
| 200 |  |  | Success |
| 400 | validation.error |  | Validation Error |
| 500 | internal.error | Unexpected error occured | Internal server error |
| 404 | not.found | Not Found | Not found |

# Redeem rewards(POST)

Redeem a selected reward for the user.

* 1. URL

/nextdigit/v1/rewards/redeem

* 1. Inbound

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Required(R)/Optional(O)** | **Data Type** | **Description/Data Validations** |
| userId | R | String |  |
| couponId | R | String |  |

### Sample Request

**Url:** https://useraccessservice.appspot.com/nextdigit/v1/rewards/redeem

**Headers:**

Content-Type: application/json

Accept: application/json

Authorization: appname | clientId | accessToken

{

"userId ": "abcd1234",

"couponId ": "12345"

}

### Outbound

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Required(R)**  **Optional(O)**  **Conditional(C)** | **Data Type** | **Description/Data Validations** |
| status | R | String | **Success**-Sign in success  **Failure**-Sign in failure |
| responseMessage | R | String | Message to be displayed back to user |
| remainingPoints | R | String |  |
| usedPoints | R | String |  |

### Sample Response

{

}

### Failure Scenario

**Request**

{

}

**Response:**

{

}

### Response codes

|  |  |  |  |
| --- | --- | --- | --- |
| **HTTP Status** | **Response Code** | **Message** | **Description** |
| 200 |  |  | Success |
| 400 | validation.error |  | Validation Error |
| 500 | internal.error | Unexpected error occured | Internal server error |
| 404 | not.found | Not Found | Not found |

# Get Reward Points(Get)

Get all available reward points for the user.

* 1. URL

/nextdigit/v1/rewards/view?userId={userId}

### Sample Request

**Url:** https://useraccessservice.appspot.com/nextdigit/v1/rewards/view?userId=abcd1234

**Headers:**

Content-Type: application/json

Accept: application/json

Authorization: appname | clientId | accessToken

### Outbound

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Required(R)**  **Optional(O)**  **Conditional(C)** | **Data Type** | **Description/Data Validations** |
| status | R | String | **Success**-Sign in success  **Failure**-Sign in failure |
| responseMessage | R | String | Message to be displayed back to user |
| availablePoints | R | String |  |

### Sample Response

{

}

### Failure Scenario

**Request**

{

}

**Response:**

{

}

### Response codes

|  |  |  |  |
| --- | --- | --- | --- |
| **HTTP Status** | **Response Code** | **Message** | **Description** |
| 200 |  |  | Success |
| 400 | validation.error |  | Validation Error |
| 500 | internal.error | Unexpected error occured | Internal server error |
| 404 | not.found | Not Found | Not found |
|  |  |  |  |