Dunkin’ Points API

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June 28, 2022

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Contents

[Base Service Link: 1](#_Toc107340762)

[Notes: 1](#_Toc107340763)

[Module: Points 2](#_Toc107340764)

[Function checkbalance 2](#_Toc107340765)

[Function addbalance 2](#_Toc107340766)

[Function deductBalance 4](#_Toc107340767)

[Possible error codes: 5](#_Toc107340768)

# Base Service Link:

Staging: [http://devdd.buzzparade.com/PointsAPI/](http://devdd.buzzparade.com/PointsAPI/profile.svc)   
Production: TBD  
ecomID: 2

# Notes:

1. The input parameters below should be converted into JSON string, encrypted and passed in a parameter “encryptedtext” as string.
2. Every request should consist of Authentication Header.
3. The functionname required to create checksum for every service is the function name which can be retrieved from the last part of the service endpoint. Also the functionname should always be lowercase.
   1. E.g. functionname for “check balance” is **checkbalance**

# Module: Points

Module EndPoint: <Base\_Link>/profile.svc

## Function checkbalance

Endpoint: <Base\_Link>/profile.svc /checkbalance  
Description: Gets the basic details of user profile found by the loyalty number which is a unique number.   
Returns error if the user is not found.   
Encrypt the input data and pass Authentication Header.

Input Parameters:

|  |  |  |
| --- | --- | --- |
| **Data Type** | **Parameter** | **Description** |
| string | storePosID | Combination of StoreID & POSID |
| int | countryCode | Set to 1 for KSA |
| Int | ecomID | Set to 2 for KSA |
| string | loyaltyNumber | Loyalty Number scanned from QR Code |
| boolean | isStaging | Set to “true” while in testing phase so that in case of any errors, a detailed version of error will be sent |

Output Parameter

|  |  |
| --- | --- |
| **Data Type** | **Parameter** |
| bool | success |
| int | errorCode |
| string | errorMesg |
| UserProfile | data |

***UserProfile:*** (JSON Array)

|  |  |  |
| --- | --- | --- |
| **Data Type** | **Parameter** | **Description** |
| string | firstname | Firstname of the user |
| string | lastname | Lastname of the user |
| string | fullname | Fullname of the user |
| Int | userid | UserID from buzzParade Database |
| Decimal | totalTierPoints | User’s Total Tier level points |
| Decimal | totalWalletCredits | User’s Total Wallet Balance in SAR |
| string | userLevel | User’s Tier level |

## Function addbalance

Endpoint: <Base\_Link>/profile.svc /addbalance   
Description: Adds Balance to the users tier points and wallet points. The Money to Point conversion is handled within the API.   
Returns error if the user is not found.   
Encrypt the input data and pass Authentication Header.

Input Parameters:

|  |  |  |
| --- | --- | --- |
| **Data Type** | **Parameter** | **Description** |
| string | storePosID | Combination of StoreID & POSID |
| int | countryCode | Set to 1 for KSA |
| Int | ecomID | Set to 2 for KSA |
| string | loyaltyNumber | Loyalty Number scanned from QR Code |
| string | instoreOrderID | transactionID from POS |
| decimal | orderValue | Order value in SAR |
| boolean | isStaging | Set to “true” while in testing phase so that in case of any errors, a detailed version of error will be sent |

Output Parameter

|  |  |  |
| --- | --- | --- |
| **Data Type** | **Parameter** | **Description** |
| bool | success |  |
| int | errorCode |  |
| string | errorMesg |  |
| UserProfile | data |  |

***UserProfile:*** (JSON Array)

|  |  |  |
| --- | --- | --- |
| **Data Type** | **Parameter** | **Description** |
| string | firstname | Firstname of the user |
| string | lastname | Lastname of the user |
| string | fullname | Fullname of the user |
| Int | userid | UserID from buzzParade Database |
| Decimal | totalTierPoints | User’s Total Tier level points |
| Decimal | totalWalletCredits | User’s Total Wallet Balance in SAR |
| string | userLevel | User’s Tier level |
| Decimal | tierPointsAssigned | Total Tier Points earned during this session |
| Decimal | walletCreditsAssigned | Total Wallet Credits earned during this session |

## Function deductBalance

Endpoint: <Base\_Link>/profile.svc /deductBalance  
Description: Deducts Balance from the wallet points. The points to money conversion is handled within the API.   
Returns error if the user is not found.   
Returns error if the user does not have enough points/balance to use as per the order value passed.  
Encrypt the input data and pass Authentication Header.

Input Parameters:

|  |  |  |
| --- | --- | --- |
| **Data Type** | **Parameter** | **Description** |
| string | storePosID | Combination of StoreID & POSID |
| int | countryCode | Set to 1 for KSA |
| Int | ecomID | Set to 2 for KSA |
| string | loyaltyNumber | Loyalty Number scanned from QR Code |
| string | instoreOrderID | transactionID from POS |
| decimal | orderValue | Order value in SAR |
| decimal | walletcredits | Amount to be deducted |
| boolean | isStaging | Set to “true” while in testing phase so that in case of any errors, a detailed version of error will be sent |

Output Parameter

|  |  |  |
| --- | --- | --- |
| **Data Type** | **Parameter** | **Description** |
| bool | success |  |
| int | errorCode |  |
| string | errorMesg |  |
| UserProfile | data |  |

***UserProfile:*** (JSON Array)

|  |  |  |
| --- | --- | --- |
| **Data Type** | **Parameter** | **Description** |
| string | firstname | Firstname of the user |
| string | lastname | Lastname of the user |
| string | fullname | Fullname of the user |
| Int | userid | UserID from buzzParade Database |
| Decimal | totalTierPoints | User’s Total Tier level points |
| Decimal | totalWalletCredits | User’s Total Wallet Balance in SAR |
| string | userLevel | User’s Tier level |
| Decimal | tierPointsRemoved | Total Tier Points deducted during this session |
| Decimal | walletCreditsRemoved | Total Wallet Credits deducted during this session |

# Possible error codes:

|  |  |  |  |
| --- | --- | --- | --- |
| **Code** | **Connotation** | **Description** | **‘error’ Field Value** |
| 1 | Positive | Request was successfully completed (with non-empty data, if requested) | ‘none’ |
| 2 | Positive | Request was successfully completed but with empty data | ‘none’ |
|
| -1 | Neutral OR | Request failed due to invalid input OR because of previous user actions | specific |
| Negative |
| -2 | Negative | Request failed due to missing input | specific |
| -3 | Negative | Request failed due to internal errors | specific |
| -4 | Neutral OR | Request failed due to security protocol breach | specific |
| Negative |
| -5 | Negative | Request failed due to invalid session/token | specific |
| -6 | Neutral | Server is under maintenance | specific |
| -7 | Negative | Request failed due to session/token protocol breach | specific |
| -8 | Neutral | Server has an urgent user-facing message to be displayed, with no further action required | Specific – message to be displayed |