Voucher Pool API Documentation

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# Main

## Create new Special Offer.

|  |  |
| --- | --- |
| Method | POST |
| URI | /VoucherPool/main/newSpecialOffer |
| Param 1 | email |
| Param 2 | expDate (yyyyMMddHHmmss) |
| Body | {  "specialOfferId": "", // Can be left empty  "name": "PROMO",  "fixedPercentageDiscount": "5"  } |

### Example:

|  |
| --- |
| URI:http://localhost:8080/VoucherPool/main/newSpecialOffer?email=kizzat90@gmail.com&expDate=2021041000000  Body:  {  "specialOfferId": "",  "name": "PROMO",  "fixedPercentageDiscount": "5"  }  Response:  {  "httpStatus": "OK",  "status": "Success",  "message": "Special offer : PROMO has been created!",  "error": false,  "validVouchers": null  } |

### Error example:

|  |
| --- |
| URI:http://localhost:8080/VoucherPool/main/newSpecialOffer?email=kizzat90@gmail.com&expDate=202104100000  Body:  {  "specialOfferId": "",  "name": "PROMO",  "fixedPercentageDiscount": "5"  }  Response:  {  "httpStatus": "OK",  "status": "Unsuccessful",  "message": "Unparseable date: \"202104100000\"",  "error": true,  "validVouchers": null  } |
| URI:http://localhost:8080/VoucherPool/main/newSpecialOffer?email=kizzat90@gmail.com&expDate=20210210000000  Response:  {  "httpStatus": "OK",  "status": "Unsuccessful",  "message": "Expiration date is before the current time.",  "error": true,  "validVouchers": null  } |

## Redeem Voucher

|  |  |
| --- | --- |
| Method | GET |
| URI | /VoucherPool/main/redeemVoucher |
| Param 1 | voucherCode |
| Param 2 | email |

### Example:

|  |
| --- |
| URI:http://localhost:8080/VoucherPool/main/redeemVoucher?voucherCode=DjwFSHQyk&email=kizzat90@gmail.com  Response:  {  "httpStatus": "OK",  "status": "Success",  "message": "Percentage Discount : 5%",  "error": false,  "validVouchers": null  } |

### Error Example:

|  |
| --- |
| URI:http://localhost:8080/VoucherPool/main/redeemVoucher?voucherCode=5moOvctQx8&email=ali@gmail.com  Response:  {  "httpStatus": "OK",  "status": "Unsuccessful",  "message": "Email does not match from dB",  "error": true,  "validVouchers": null  } |
| URI:http://localhost:8080/VoucherPool/main/redeemVoucher?voucherCode=5moO&email=kizzat90@gmail.com  Response:  {  "httpStatus": "OK",  "status": "Unsuccessful",  "message": "Invalid voucher code",  "error": true,  "validVouchers": null  } |
| URI:http://localhost:8080/VoucherPool/main/redeemVoucher?voucherCode=DjwFSHQyk&email=kizzat90@gmail.com  Response:  {  "httpStatus": "OK",  "status": "Unsuccessful",  "message": "Voucher has already been used",  "error": true,  "validVouchers": null  } |
| URI:http://localhost:8080/VoucherPool/main/redeemVoucher?voucherCode=5moOvctQx8&email=kizzat90@gmail.com  Response:  {  "httpStatus": "OK",  "status": "Unsuccessful",  "message": "Voucher is already expired",  "error": true,  "validVouchers": null  } |

## Get All Valid Vouchers

|  |  |
| --- | --- |
| Method | GET |
| URI | /VoucherPool/main/getAllValidVouchers |
| Param 1 | email |

### Example:

|  |
| --- |
| URI:http://localhost:8080/VoucherPool/main/getAllValidVoucher?email=kizzat90@gmail.com  Response:  {  "httpStatus": "OK",  "status": "Success",  "message": null,  "error": false,  "validVouchers": [  {  "voucherCode": "DjwFSHQyk",  "specialOffername": "PROMO"  },  {  "voucherCode": "5moOvctQx8",  "specialOffername": "DISCOUNT"  }  ]  } |
| One voucher has been used.  URI: <http://localhost:8080/VoucherPool/main/getAllValidVoucher?email=kizzat90@gmail.com>  Response:  {  "httpStatus": "OK",  "status": "Success",  "message": null,  "error": false,  "validVouchers": [  {  "voucherCode": "5moOvctQx8",  "specialOffername": "DISCOUNT"  }  ]  } |

# Recipient

## Create new recipient

|  |  |
| --- | --- |
| Method | POST |
| URI | /VoucherPool/recipient/newRecipient |
| Param 1 | name |
| Param 2 | email |

### Example:

|  |
| --- |
| URI: http://localhost:8080/VoucherPool/recipient/newRecipient?name=Kamal Izzat&email=kizzat90@gmail.com  Response:  {  "httpStatus": "OK",  "status": "Success",  "message": "Created user : Kamal Izzat!",  "error": false,  "validVouchers": null  } |

### Error Example:

|  |
| --- |
| URI: http://localhost:8080/VoucherPool/recipient/newRecipient?name=Kamal Izzat&email=kizzat90@gmail.com  Response:  {  "httpStatus": "OK",  "status": "Unsuccessful",  "message": "Recipient with Email = kizzat90@gmail.com has already been created",  "error": true,  "validVouchers": null  } |

## Get All Recipient List

|  |  |
| --- | --- |
| Method | GET |
| URI | /VoucherPool/recipient/getAllRecipient |

### Example:

|  |
| --- |
| URI:http://localhost:8080/VoucherPool/recipient/getAllRecipient  Response:  [  {  "recipientId": 1,  "name": "Kamal Izzat",  "email": "kizzat90@gmail.com"  }  ] |

# Special Offer

## Create new recipient.

|  |  |
| --- | --- |
| Method | POST |
| URI | /VoucherPool/specialOffer/getAllSpecialOfferList |

### Example:

|  |
| --- |
| URI:http://localhost:8080/VoucherPool/specialOffer/getAllSpecialOfferList  Response:  [  {  "specialOfferId": 1,  "name": "PROMO",  "fixedPercentageDiscount": 5  },  {  "specialOfferId": 2,  "name": "DISCOUNT",  "fixedPercentageDiscount": 10  }  ] |