



## Mondelez Gifts Specification Document

جوايز كادبوري

A Subsidiary of  
**RA'A**

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**VERSION CONTROL**

Version	Author	Update
1.0	Mostafa Tarek	First draft

**REVIEW**

Version	Author	Update

## APPROVALS

Version	Department	Signature
1.0	Testing	
1.0	Backend Development	
1.0	Frontend Development	
1.0	Business Operations	
1.0	Technology Operations	
1.0	Database Administration	
1.0	Operations Manager	
1.0	Business Development	
1.0	Marketing	
1.0	Sales	
1.0	Customer Care	

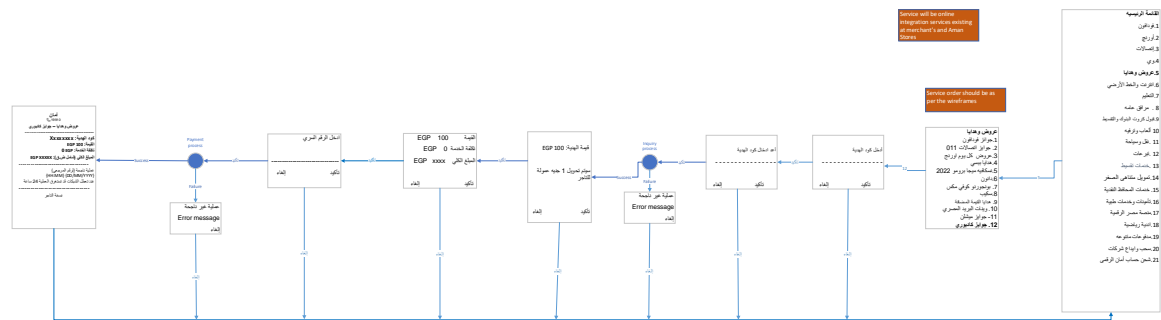
1.0	Finance	
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## DOCUMENT OVERVIEW

Purpose of the specification document is to gather all the requirements for services exposed from **Mondelez Gifts** that will be accessible through Aman E-payment system. Scope of this document is to present the details of the new services, and how it should be implemented in Aman E-payment system.

## WIREFRAMES

## 1. Mondelez Campaign Cash-out



## RECEIPT

The receipt layout will be as per the below layout:

### 1. Mondelez Gifts

أمان
19910
عروض وهدايا – جوائز كلبوري
-----
كود الهدية: XXXXXXXX
القيمة: EGP 100
تكلفة الخدمة: 0 EGP
المبلغ الكلي (شامل ض.ق): EGP XXXXX
-----
عملية ناجحة (الرقم المرجعي)
{HH:MM} {DD/MM/YYYY}
عند تعطل الشبكات قد تستغرق العملية 24 ساعة
-----
نسخة التاجر



## USE CASES

### 1. Mondelez Gifts cash-out

- Online Integration Service
- Will exist in merchants POS and Aman Stores

#### I. Cash-out Inquiry

<b>USE CASE CODE</b>	MI – 001
<b>USE CASE NAME</b>	Cash-out Inquiry
<b>ACTOR</b>	Merchant
<b>PRECONDITIONS</b>	<p>Cash-out Inquiry service is configured on the E-Payment system with Service id: (960806)</p> <ul style="list-style-type: none"><li>• Merchant opens the services menu screen</li></ul>

<b>BASIC FLOW</b>	1. Merchant selects “عروض وهدايا” from the main menu
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## القائمة الرئيسية

1. فودافون
2. أورانج
3. إتصالات
4. وي
5. عروض وهدايا
6. انترنت والخط الأرضي
7. التعليم
8. مرافق علمه
9. قبول كروت البنوك والتقسيط
- 10 ألعاب وترفيه
11. نقل وسياحة
12. تبرعات
13. خدمات تقسيط
14. تمويل متناهي الصغر
15. خدمات المحافظ النقدية
16. تأمينات وخدمات طبية
17. منصة مصر الرقمية
18. اندية رياضية
19. مدفوعات متنوعه
20. سحب وايداع شركات
21. شحن حساب أمان الرقمي

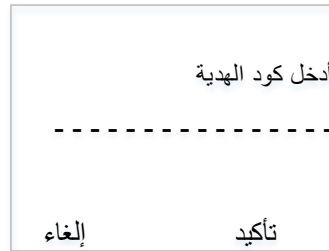
2. POS displays “عروض وهدايا” screen services

Ordered as per the wireframe

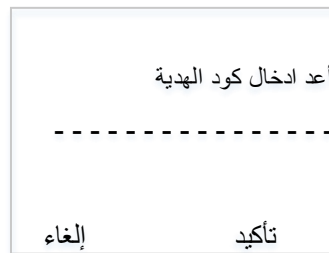
#### عروض وهدايا

1. جوائز فودافون
2. جوائز اتصالات 011
3. عروض كل يوم اورنج
4. هدايا ببسي
5. تسكفيه ميغا برومو 2022
6. دانون
7. بونجورنو كوفي مكس
8. سكيب
9. هدايا القيمة المضافة
10. وينات البريد المصري
- 11- جوائز ميشلن
12. جوائز كاديبوري

3. Merchant selects “جوايز كاديبوري”
4. POS displays Voucher code number entry screen then Merchant enters Voucher code.



5. Merchant re-enters the Voucher code then click on confirm.  
(Identical to the pre-entered Reference number)



#### Otherwise proceed to EXP 1

1. POS sends inquiry request with the voucher code to E-Payment System
2. E-Payment system sends inquiry request with the voucher code to Dsquares system.
3. Dsquares system responds to E-Payment system with success code  
Otherwise proceed to EXP 2  
In case of timeout proceed to TMO1
4. Aman backend responds to POS with the amount of voucher code  
(Amount= 100 EGP)

	<p>5. POS displays the voucher amount with disclaimer " سيتم تحويل 1 جنيه عمولة " للتاجر</p> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>قيمة الهدية: EGP 100</p> <p>سيتم تحويل 1 جنيه عمولة للتاجر</p> <p>إلغاء تأكيد</p> </div> <p>6. Merchant clicks confirm on voucher amount screen</p> <p>7. POS displays the payment details</p> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>القيمة EGP 100</p> <p>تكلفة الخدمة EGP 0</p> <p>المبلغ الكلي EGP xxxx</p> <p>إلغاء تأكيد</p> </div>
<b>EXCEPTIONAL FLOW 1</b>	<p>EXP 1:</p> <p>POS detects that the voucher code confirmation is not identical to the voucher code entered by the merchant</p> <ul style="list-style-type: none"> <li>POS displays error message to the merchant on the screen indicating that the voucher code confirmation should be identical to the pre-entered voucher code</li> </ul>
<b>EXCEPTIONAL FLOW 2</b>	<p>EXP 2:</p> <p>Voucher Code is not valid or doesn't exist</p> <ul style="list-style-type: none"> <li>Dsquares system responds with E-payment system with error code</li> <li>Back-end system responds to the POS with error code</li> <li>POS displays error message to the merchant on the screen " الكود غير صحيح "</li> <li>On closing error message return back to main menu screen</li> <li>The Inquiry is not done</li> </ul>
<b>TIMEOUT FLOW 1</b>	<p>TMO 1</p> <p>Dsquares system did not respond to the inquiry request (request timeout)</p> <ul style="list-style-type: none"> <li>E-Payment system responds with error code to the POS</li> </ul>

	<ul style="list-style-type: none"> <li>POS display error message to the merchant on the screen indicating that the inquiry service failed and to re-try later مرة "حدث خطأ, برجاء المحاولة أخرى"</li> </ul>
<b>POST CONDITIONS</b>	<ul style="list-style-type: none"> <li>The Gift details are retrieved from E-payment system and displayed on the POS screen</li> <li>All details retrieved in the inquiry response is displayed in the payment details on SV <ol style="list-style-type: none"> <li>Cash-out Amount</li> <li>Voucher code</li> <li>Response code</li> <li>Response message</li> </ol> </li> </ul>

## II. Cash-out payment

<b>USE CASE CODE</b>	MP – 002
<b>USE CASE NAME</b>	Cash-out Payment
<b>ACTOR</b>	Merchant
<b>PRECONDITIONS</b>	<ul style="list-style-type: none"> <li>Merchant account is active</li> <li>Merchant knows his PIN</li> <li>Merchant opens the services menu screen</li> <li>Merchant inquired about the cash-out amount</li> <li>Dsquares system responded with the payment details</li> <li>Cash-out account (307897) has sufficient balance</li> <li>Cash-out Payment service is configured on the Smart Vista with Service id (960807)</li> </ul>
<b>FLOW</b>	<ol style="list-style-type: none"> <li>Merchant presses confirm on the payment details <div data-bbox="500 1480 836 1732" data-label="Form"> <div> القيمة EGP 100 </div> <div> تكلفة الخدمة EGP 0 </div> <div> المبلغ الكلي EGP xxxx </div> <div> تأكيد إلغاء </div> </div> </li> <li>POS displays pin entry screen</li> </ol>

3. Merchant enters the correct pin then clicks on confirms  
**Otherwise proceed to EXP 1**
4. POS sends payment request to Aman back-end system
5. Back-end system validates the merchant account or unified pool account status  
**Otherwise proceed to EXP 2**
6. Back-end system validates Mondelez cash-out account (307897) balance is sufficient and greater than or equal the required amount needed to be cashed-out.  
**Otherwise proceed to EXP 3**
7. E-Payment system triggers a transfer from cash-out account (307897) with “Cash out amount + CAF” to merchant/unified pool account with “Cash out amount – CAF + merchant commission”
8. E-payment system sends payment request to Dsquares system
9. Dsquares system responds to e-payment system with success code  
**Otherwise proceed to EXP 4**  
**In Case of timeout proceed to TMO 1**
10. E-Payment system logs all the customer and details in “Payment Details” in E-payment system
  - i. Biller Transaction reference number (FEUturNo)
  - ii. Voucher code
  - iii. Cash-out amount
  - iv. Response code
  - v. Response message
11. E-Payment system responds to the POS
12. Receipt is printed based on the receipt layout section

<b>EXCEPTIONAL FLOW 1</b>	<b>EXP 1</b> Merchant entered wrong PIN <ul style="list-style-type: none"> <li>• POS displays error message saying “الرقم السري غير صحيح”</li> <li>• Merchant confirms the message</li> <li>• POS returns to PIN entry screen</li> </ul>
<b>EXCEPTIONAL FLOW 2</b>	<b>EXP 2</b> Merchant or unified pool account is not active <ul style="list-style-type: none"> <li>• E-payment system responds to the POS with error code</li> </ul>

	<ul style="list-style-type: none"> <li>• POS displays error message to the merchant on the screen indicating that the merchant account is not active</li> <li>• On closing error message return back to e-payment system</li> <li>• The payment is not done</li> </ul>
<b>EXCEPTIONAL FLOW 3</b>	<p>EXP 3 cash-out account (307897) balance is not sufficient</p> <ul style="list-style-type: none"> <li>• E-payment system responds to the POS with error code</li> <li>• POS displays error message to the merchant on the screen indicating that the cash-out account balance is insufficient</li> <li>• On closing error message return back to e-payment system</li> <li>• The payment is not done on SV</li> </ul>
<b>EXCEPTIONAL FLOW 4</b>	<p>EXP 4 Dsquares system responds with error code to E-Payment system</p> <ul style="list-style-type: none"> <li>• E-payment system responds to the POS with error code</li> <li>• POS displays error message to the merchant on the screen</li> <li>• On closing error message return back to e-payment system</li> <li>• The payment is not done</li> <li>• The payment is not done on SV</li> </ul>
<b>TIMEOUT FLOW 1</b>	<p>TMO1 Dsquares system did not respond to Aman E-payment system payment request (request timeout)</p> <ul style="list-style-type: none"> <li>• <b>E-Payment system marks the transaction as failure</b></li> <li>• E-payment system responds to the POS with error code</li> <li>• POS displays error message to the merchant on the screen</li> <li>• On closing error message return back to e-payment system</li> <li>• The payment is not done on SV</li> </ul>
<b>POST CONDITIONS</b>	<ul style="list-style-type: none"> <li>• The payment is done successfully</li> <li>• The balance of cash-out account is debited by the cash-out amount + CAF</li> <li>• The balance of merchant account or unified pool account is credited by the cash-out amount – CAF + Merchant commission</li> <li>• The receipt is printed as per receipt layout section based on the merchant confirmation</li> <li>• The bill and the customer details are displayed in the payment details on SV: <ul style="list-style-type: none"> <li>○ Biller Transaction reference number (FEUturNo)</li> <li>○ Voucher code</li> <li>○ Cash-out Amount</li> <li>○ Response code</li> <li>○ Response message</li> </ul> </li> </ul>

	<ul style="list-style-type: none"><li>• Transaction is displayed in the transaction report</li><li>• Transaction is displayed in the reconciliation report</li><li>• Consumer will be able to use the amount of cash-out in other payment services</li></ul>
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**CUSTOMER FEES, TAXES AND COMMISSIONS**

We didn't receive the financial scheme till now.



## REPORTS

The following reports will be extracted and used by the different actors mentioned in the below table:

Report Name	Usage	Actor
Mondelez Gifts Transaction Report	Financial calculations and analysis	<ul style="list-style-type: none"><li>▪ Finance Team</li></ul>
Mondelez Gifts Timeout Report	Dispute with the Biller	<ul style="list-style-type: none"><li>▪ Reconciliation team</li><li>▪ Business operations team</li></ul>
Mondelez Gifts Reconciliation Report	Reconciliation with biller	<ul style="list-style-type: none"><li>▪ Reconciliation team</li></ul>