Accumulation Program Type

**On WebApp**

|  |  |
| --- | --- |
| New Program Type: | **Accumulation** |
| Fields: | Below fields are repetitive, which company allows to add more than 1 redemption levels;   * **Points** * **Reward** |
| Example: |  |

**Logic Behind:**

If a certain user will scan QRCode of an **Accumulation** program type, program node will have ff. values:

***Ex. We will use above example. | Below is the current program node scenario.***

<Program id="***61***" pid="***4587***" act="***0***" **name="Discounted Adidas Running Shoes"** tagline="***tagline here...***" **type="4"** pt\_loc\_balance="***0***" pt\_balance="***0***" **pt\_target="10"** pic\_logo="***logo url***" pic\_front="***front image url***" pic\_back="***back image url***" com\_id="***101***" com\_name="***Adidas Ecoland***" com\_web1=" ***www.TeleFloor.com*** " com\_web2="***www.TeleFloor.com***" com\_phone="***7602128313***" lat="***7.05536509***" lng="***125.59382629***" fbstatus="***FB status here...***" pins="" coupon\_no="" u="0" active="1" />

**\****Scanning the QRCode will give initial values above.* ***Name*** *attribute will have the same value as the program name.* ***Type*** *attribute will have a new value for Accumulation Program Type ID.* ***PT Target*** *attribute will reflect the highest level points found on program details, as our example it has 10 value because on Discounted Adidas Running Shoes, it has 5 and 10 pts. Of course 10 is the highest point.*

**On MobileApp**

**\*We will still use above example.**

After the customer will scan the Accumulation program, the mobileApp will generate initial/current layout of program node (*refer above*).

After its first scan, the customer is required to sync the mobileApp in order to update the program node. Upon syncing (*of course it will connect to WebService*), the WebService will check if it has a **type=”4”** (*Accumulation Program TypeID*), if yes, the WebService will add new attribute (*refer updated node below*).

**Updated Node:**

<Program id="***61***" pid="***4587***" act="***0***" **name="Discounted Adidas Running Shoes"** tagline="***tagline here...***" **type="4"** pt\_loc\_balance="***1***" pt\_balance="***1***" **pt\_target="10"** pic\_logo="***logo url***" pic\_front="***front image url***" pic\_back="***back image url***" com\_id="***101***" com\_name="***Adidas Ecoland***" com\_web1=" ***www.TeleFloor.com*** " com\_web2="***www.TeleFloor.com***" com\_phone="***7602128313***" lat="***7.05536509***" lng="***125.59382629***" fbstatus="***FB status here...***" pins="" coupon\_no="" u="0" active="1" **accum\_points="5,10"** />

\****Accum\_points*** *attribute refers to all level points added on program details. Thus, it is separated with comma (,). Updated node above has* **accum\_points="5,10"** *because as our example Discounted Adidas Running Shoes, has 5 and 10 level pts.*

**Process Coupon for Accumulation Type**

Every time the program QRCode is being scan, the mobileApp will check if it is Accumulation type, then if yes updated balance will be compared to **accum\_points** attribute. If the balance reaches a corresponding level, mobileApp will invoke **process coupon** on **WebService**

**Process Coupon** function on **WebService** will return a generated coupon with reward message with a format show next: **Format:** ***coupon no***,***reward message***

**Program Node for First level Accumulation:**

<Program id="***61***" pid="***4587***" **act="*1*"** **name="Discounted Adidas Running Shoes"** tagline="***tagline here...***" **type="4"** pt\_loc\_balance="***5***" **pt\_balance="5"** **pt\_target="10"** pic\_logo="***logo url***" pic\_front="***front image url***" pic\_back="***back image url***" com\_id="***101***" com\_name="***Adidas Ecoland***" com\_web1=" ***www.TeleFloor.com*** " com\_web2="***www.TeleFloor.com***" com\_phone="***7602128313***" lat="***7.05536509***" lng="***125.59382629***" fbstatus="***FB status here...***" pins="" **coupon\_no="01040000,10% Off Selected Items**" u="0" active="1" **accum\_points="5,10"** />

**Notice: Act=1**, because pt\_balance is qual to points found within accum\_points which is 5. Also, **coupon\_no="01040000,10% Off Selected Items"** because this value is returned by process coupon function from WebService (**Format:** ***coupon no***,***reward message*** ). So, above is ready for redemption.

**Redemption for Accumulation Type**

Upon redemption of above active node, the mobileApp should trim the coupon before sending it to **Process Redemption** function on WebService. So, coupon **01040000,10% Off Selected Items** will be explode by comma(,) leaving it **01040000 and 10% Off Selected Items.** MobileApp only needs to send the first part of exploded coupon value (the integer type).