

How development work will be demonstrated to the PO.

A. Enroll in loyalty program

1. To enroll a new user in the rewards program,
 - a. We need to collect user information.
 - b. Once user information is collected, we will post the information into the database using a POST call. Eg – POST/loyalty/userDetails
Information (Payload) – {phonenummer = 123-123-1234 , first_name=fname....etc}
 - c. If the user already exists, we will not enroll the user.
(throw an error saying “User exists”)
 - d. If the user does not exist in the system, we will insert a new record into the database table with all the user details.
 - e. Additional to the user information, we will store additional details like createdDate, createdBy, updatedDate, updatedBy.

Concerns –

2. What info needs to be collected and saved?
 - a. Username
 - b. Firstname, lastname, emailid, phone
3. Do we allow duplicate enrollments? If not, what will be the uniqueness for a user?
 - a. Either phone# or unique combination of emailid+name.
4. Will there be any reports that needs to be generated?
 - a. For the client to view the number of members enrolled and the activity.
5. When the user is enrolled for the first time, will there be any reward points?
 - a. Depending on the promotion, if not 0 points.
6. For new users will the reward points be stored as null or 0?
 - a. Preferably 0

B. Check the balance of reward points.

1. To check the balance for a user,
 - a. We will need the username or userid
 - b. We will then get the updated information from the database.
 - c. Eg – GET/loyalty/balance/users/{username}
 - d. If the username or userid does not exists in the system (e.g. – inactivated/deleted by any reason), we will not display the balance.

Concerns –

2. Is negative balance acceptable? If so, up to how many points.
 - a. No.
3. Will the RewardsPoints be updated real time or will there be a lag?
 - a. Real time unless rewards are used in another time zone.

C. Redeem some of the points for reward.

1. To redeem the points,
 - a. First – we will check if the user qualifies to redeem points.
 - b. If the balance is less than the minimum reward price, the user cannot redeem the points.
 - c. The user qualifies if -> the balance is greater than or equal to the minimum reward price(points)
 - d. Once the user redeems the points for a reward, then the balance is updated.
 - e. We will achieve this by a PUT call - Eg - PUT/loyalty/{username}
Information (Payload) – {username =ABC, PointsRedeemed=8000,
balance=25000....etc}

Concerns –

1. Will there be any application security testing involved?
 - a. Yes, we can handle it using a separate PBI.
2. Is there any grading system for the points? Should we store the grade? (Eg – Platinum, Gold)
 - a. Yes. Based on the balance points – the user can be graded.
3. After redeeming the points if the user moves from one grade to other. What are all the tables that will be affected?
 - a. All the tables that have grade involved will be affected.
4. Is localization testing involved? (Eg – edge case scenario – points expire on 1-1-2020. User is in different time zone and used the points. Does the system allow it)?
 - a. Yes.
5. Are we capturing expiration of points.
 - a. Yes, real time points will be calculated.
6. How are points credited? (Eg – Will we receive a flat file from customer or will there be default points at the time of creation.)
 - a. Question to business.