EduLoyalty BackEnd

Dashboard | Database | Pts_Cal | Coupon | Badge | HOF | Feedback | Redeem

Daily compute Points

insert t_points

Calculated Points

Show_pts()

Fetch coupon list from Database

compute Coupons

insert Coupons

show Coupon()

Fetches user-Coupon list, rank, badge list

Compute Badge

using user-coupon list

Show_Badges()

fetch top 3 users

Add Feedback Points

Updated t_pts()

Updated t_pts()

redeemed points

Reduce points

t_pts - redeemed_pts

Update reduced_pts

Updated_t_pts()

EduLoyaltyFrontEnd

User

Refer | Login/Signup | Dashboard | Pts_Cal | Coupon | Badge | HOF | Feedback | Redeem

User → Refer: Refer

Refer ⇢ User: Referral Code Pop-Up

User → Login/Signup: Signup

Login/Signup ⇢ User: Redirects to Login Page

User → Login/Signup: Login

Note: If creds are validated, let the user log in

Login/Signup ⇢ User: Response

Login/Signup → Dashboard: Redirect to

Pts_Cal ⇢ Dashboard: show_pts

Coupon ⇢ Dashboard: show_coupons

Badge ⇢ Dashboard: show_Badges

User → HOF: Redirects to HOF

HOF → User: Show top 3 users

User → Feedback: Redirects to Feedback

Feedback ⇢ User: Acknowledge Feedback

User → Dashboard: Redeem Request

Redeem ⇢ Dashboard: Redeem Acknowledged

Use Case Diagram : Eduloyalty

System

Front End

- Refer
- Sign Up
- Sign In
- Logout

Back End

- Dashboard
- Points
- Feedback
- Badges
- Coupons
- Hall of Fame
- Reedem

User

First Time User

Registered User

Refered User

Show

show

show

show

show

show

CLASS DIAGRAM

CLIENT SIDE

SERVER SIDE

Feedback

UserId
tpoints

computefeedbackpts()

HallOfFame

UserId
rank
tpoints
counter

showtop3pts()
coumputeCounter()

pointsCalculate

UserId
tpoints
tlogindate

computedailypts()

UserCredentials

UserName
Password
User id-system generated

signup(finame,lname,username,password)
validateuser credential()

Dashboard

UserId
tpoints
badge

showCoupon(tpoints,userid)
showBadge(coupon,userid)

Coupon

UserId
tpoints
couponlist(couponid,couponstatus)

computeCoupon(tpoints,userid)

Redeem

UserId
tpoints
couponlist(couponid,couponstatus)

redeem()

Badge

UserId
rank
couponlist[couponid,couponstatus]
rank
badgelist

computeBadge(tpoints,userid)