Design Class Diagram

General User
+ Email: String

+ EmailVerification(Email);
+ login();

Login/Sign-up
+ Email: String
+ Password: String

+ UserAuthtication
   (Email,Password);
+ Login();

Book
+ Name: string
+ Audio[] : string
+ Duration: int
+ AurthorName: string
+ NarratorName: string
+ Price: int
+ Description: string

+ AddBookInfo(Name,
   Audio[], Duration,
   AuthorName,
   NarratorName,
   Price, Description);
+DisplayBookInfor();

Notification
+ Heading: string
+ Description: string
+ NotificationLink: string

+ DisplayNotification();
+ GoToLink();

EBookStoreLoginSystem
+ Username: string
+ Password: string

+ UserAuthentication
   (Email,Password);
+ Login();

SellerAndBuyer
+ Name: string
+ Phone Number: int
+ Card No: long
+ CVV: int
+ ExpiryDate: DateTime
+ Password: string
+ Profile pic: string

+ BuyBook();
+ Addtolibrary();
+ SellBook();

Library
+ MyBooks[]: Book

+ DisplayBooks();

Feedback
+ NQuality: int
+ WContext: int
+ Message: string

+ AddFeedback
(NQuality,WContext,msg);
+DisplayFeedBack();
+DisplayRating();

AdAndOffer
+ FeaturedBook[]:
   Book
+ FeaturedServices[]:
   Service

+DisplayBook
   (FeaturedBook);
+DisplayServices
   (FeaturedServices);

Messenger
+ Msg: string
+ AudioNote : string

+ SendMsg(Msg);
+ ReceiveMsg();
+ DisplayMsg();
+ ShareAudio(AudioNote);
+ DisplayAudio();

SearchBar
+ searchstring: string
+ searchby: string
+ searchfrom: string

+ DisplaySearches();
+ Search(searchstring,
   searchby,searchfrom);

PaymentManagement System
+ PaymentVerification
   :Boolean
+Balance: int
+ Budget: int
+ Profit: int
+ Commision: int

+ WithdrawAmount
   (Balance);
+ DisplayBilling();
+ CalculateProfit();
+ CalculateCommision();
+ PromotionValidity();

FreelancingLoginSystem
+ Username: string
+ Password: string

+ UserAuthentication
   (Email,Password);
+ Login();

ServiceProviderAndUser
+ Name: string
+ PhoneNumber: int
+ Profile pic: string
+ Card No: long
+ CVV: int
+ ExpiryDate: DateTime
+ Password: string

+ BuyService();
+ Sell service();

Promote
+ NoOfDays: int;

+ AddtoFeatured();
+ ExpectedAudience();

AffliateLoginSystem
+ Username: string
+ Password: string

+ UserAuthentication
   (Email,Password);
+ Login();

Affliate
+ Name: string
+ Email: string
+ WebsiteLink: string
+ AffliateMaterial: string

+ GetCode();
+ GetAffliateMaterial();
+ ShowTutorials();

Service
+ Description: string
+ Title: string
+ Audio[]: string
+ RattingAvg: float
+ feedback: string
+ SpName: string
+ ChargesPerHr: int
+ Type: string

+AddServiceInfo(Description,
   Title, Audio[], RatingAvg[],
   feedback, SpName,
   ChargesPerHr);
+ DisplayInfo();

Analytics
+ CalculateAnalytics();
+DisplayAnalytical
   Graphs();
+DisplayAnalytical
   Numbers();
+UpdateAnalytics();

Code
+ code: int
+ codeLink: string

+ GenerateLink();
+ RedirectLink(
codeLink, websiteLink);

Sales

+ TrackSales(codeLink);

HelpAndSupport
+ Name: string
+ Email: string
+ Concern: string

+ SubmitHelp();
+ DisplayStatus();
+LiveChatSupport();