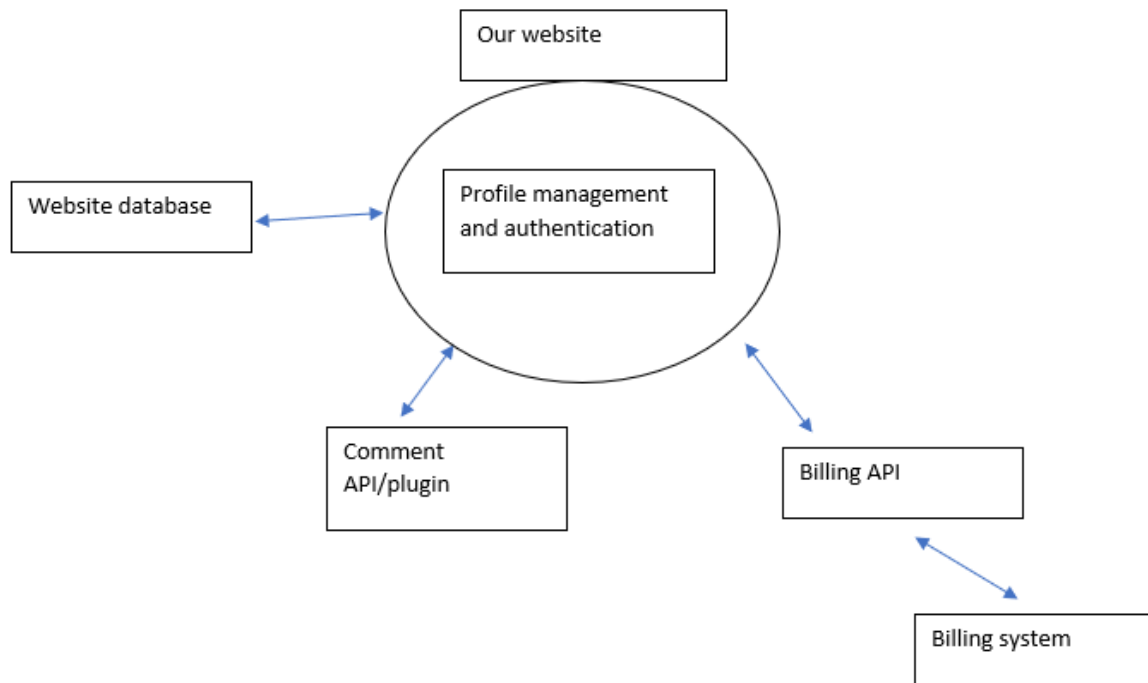
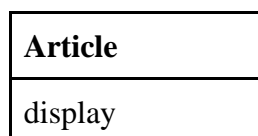


HLA:



Class Diagrams:



edit
displayArticle() editArticle() comment() deleteComment() addToDatabase()

Code Generation
activeCodes
generateCode() assignCode()

User
username password email code confirm
signUp() updateName() updatePassword() updateEmail() cancelAccount()

Admin database
users
roleManagment()

Payment

card Number (last 4?) securityCode expDate billingAddress amountCharged currency
pay()

Interface Diagrams:

<<interface>> Code Generation
generateCode (activeCodes): Code generated assignCode (): Code assigned

<<interface>> User
signUp (Username, Password, Email, Code): Account updateEmail (email): Email confirmed/updated updatePassword (password, users): password updated updateName (users): username updated checkCode (Code): Code validated addToDatabase (Username, Password, Email, Code): Account added cancelAccount (users): account is cancelled

<<interface>> Admin database
roleManagment (roles, users): updates a role of a user

<<Interface>> Payment
pay (cardNumber, securityCode, firstName, lastName, expDate, billingAddress, amountCharged): donation paid

<<Interface>> Cancel Account
cancelAccount (username): account cancelled

<<interface>> Article
displayArticle (users, display): Displays certain things to certain roles editArticle (users): Edits the article comment (users): Allows the user to comment on an article deleteComment (users): Moderator or above can delete a comment addToDatabase (): adds an article to the websites database