Team S2T9 - D2 Submission

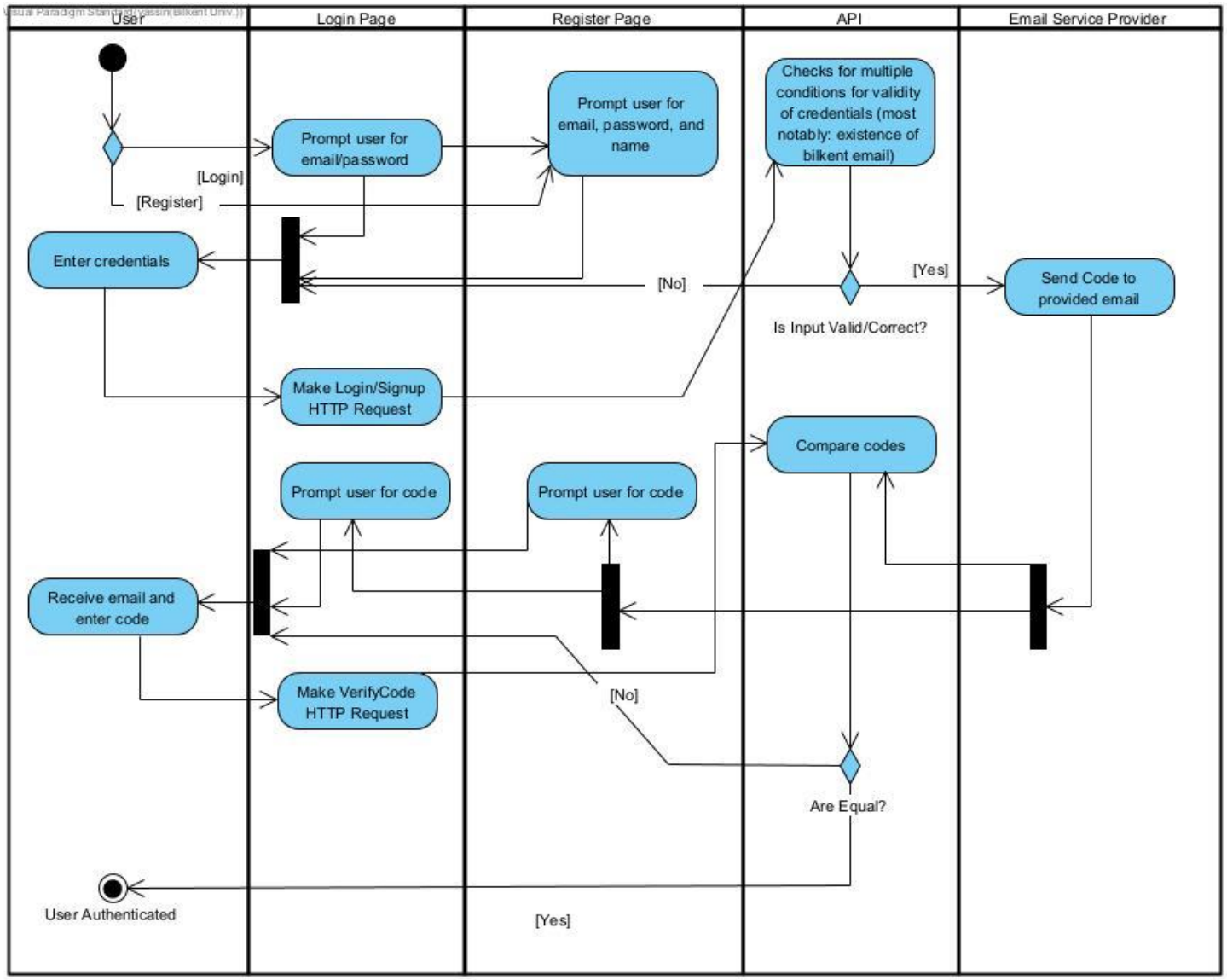
Activity 1

Sequence 7

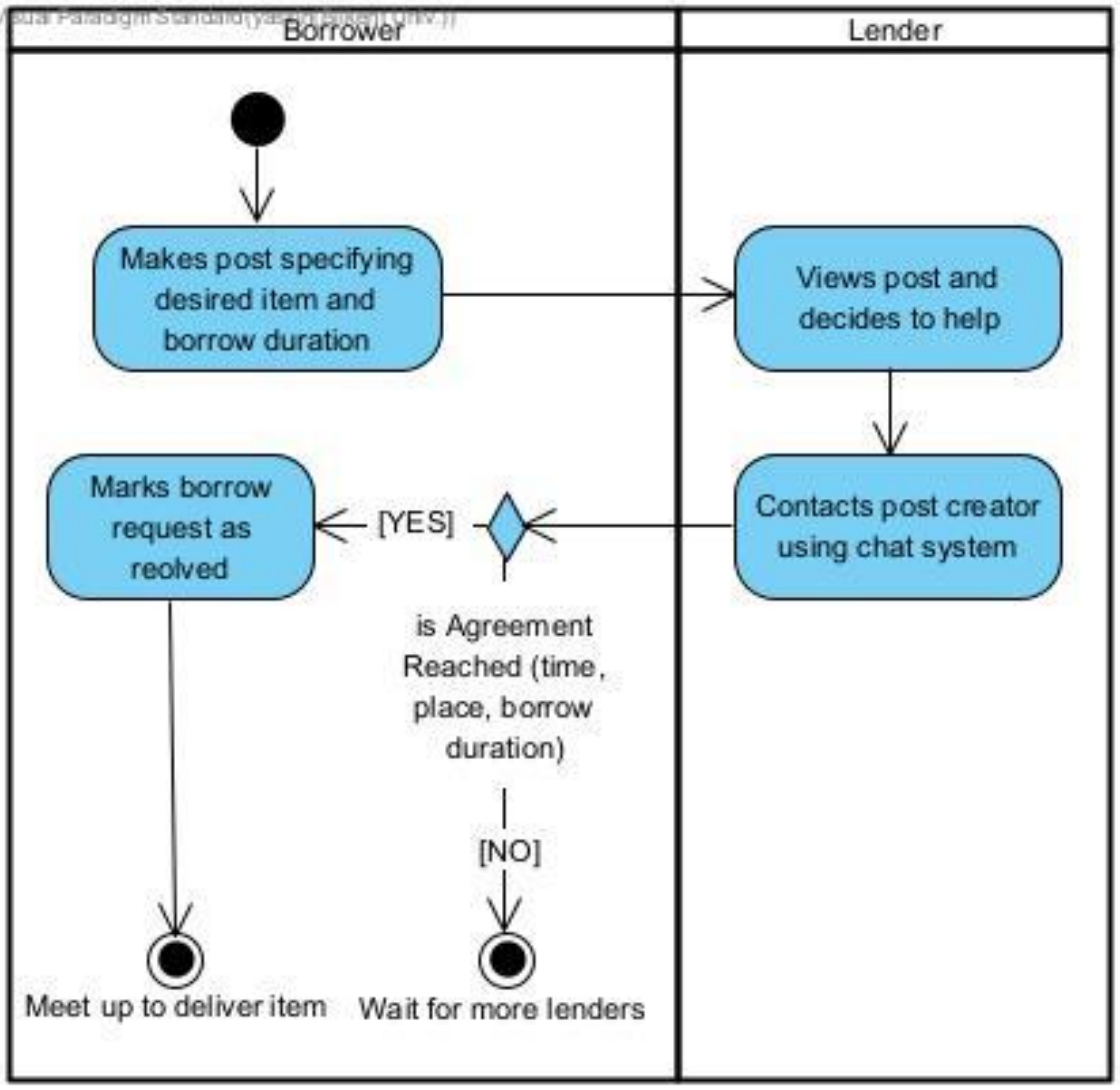
Class 10

State 11

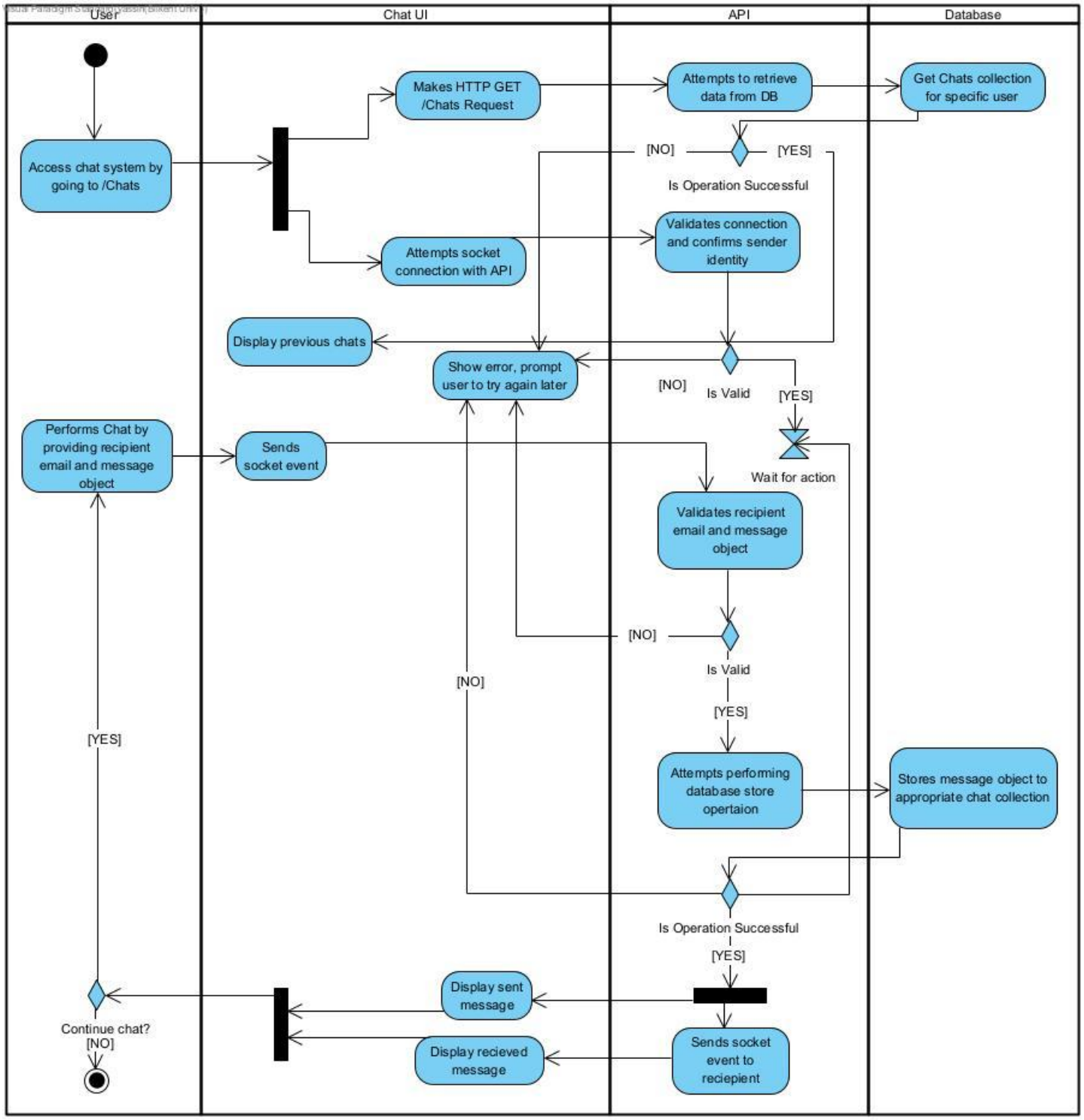
Activity Diagram - Authentication



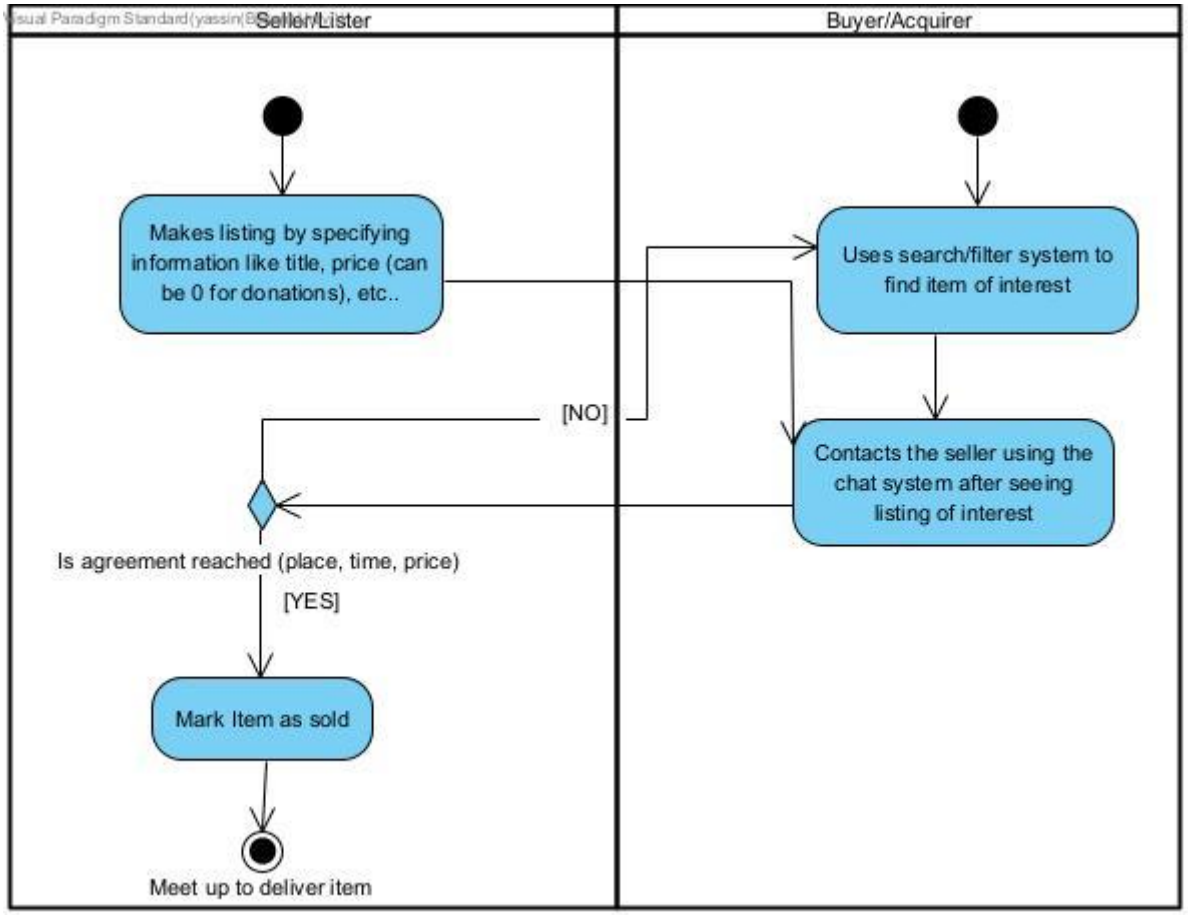
Activity Diagram - Borrowing



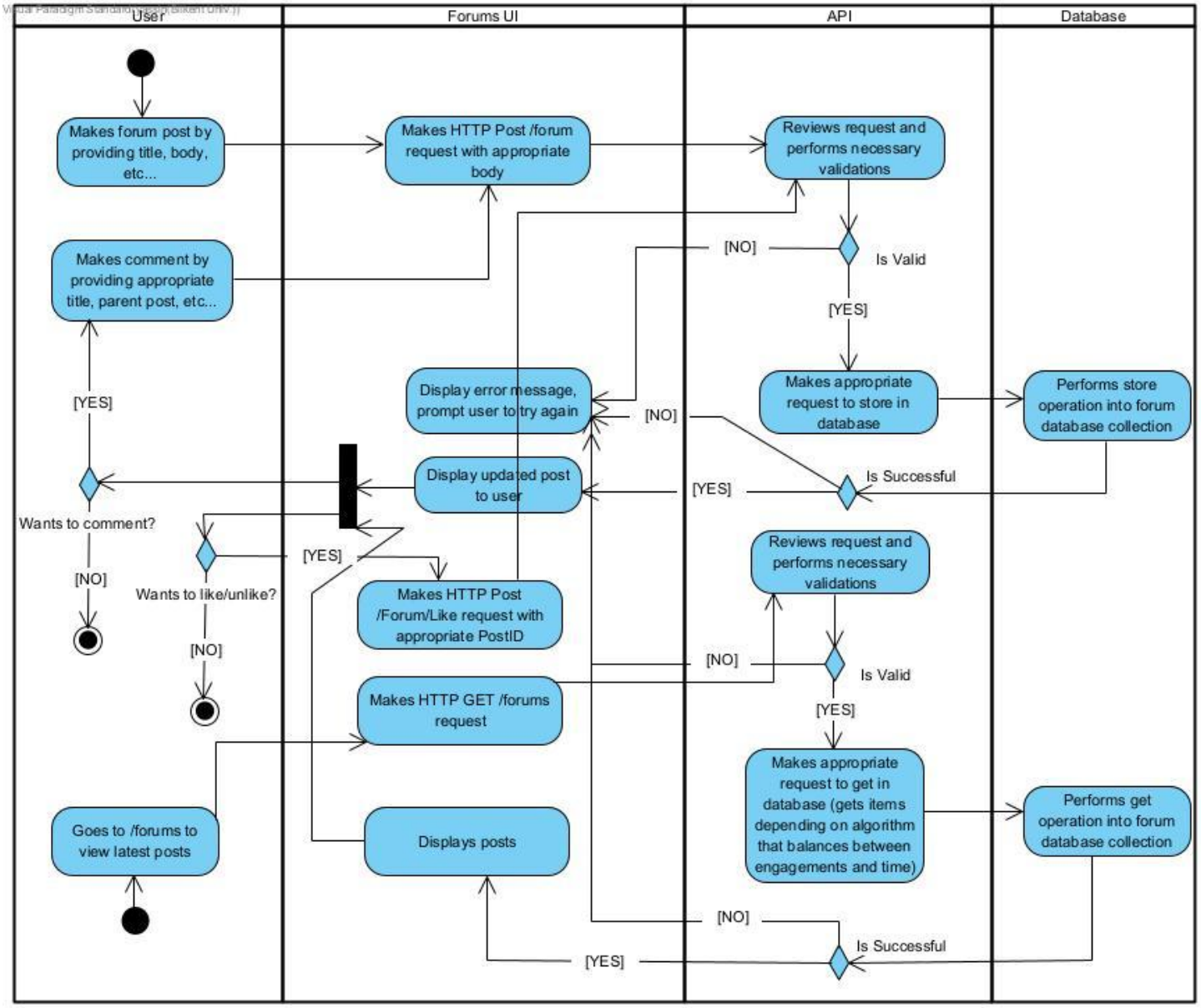
Activity Diagram - Chat



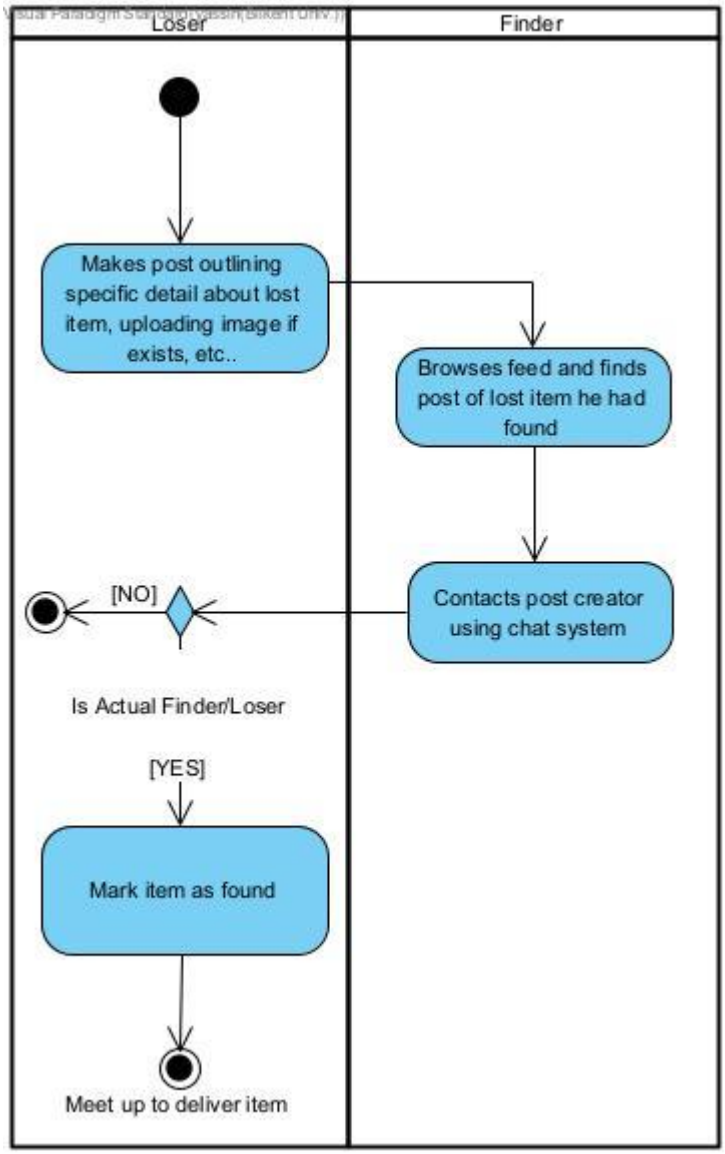
Activity Diagram - Donating/Selling



Activity Diagram - Forum

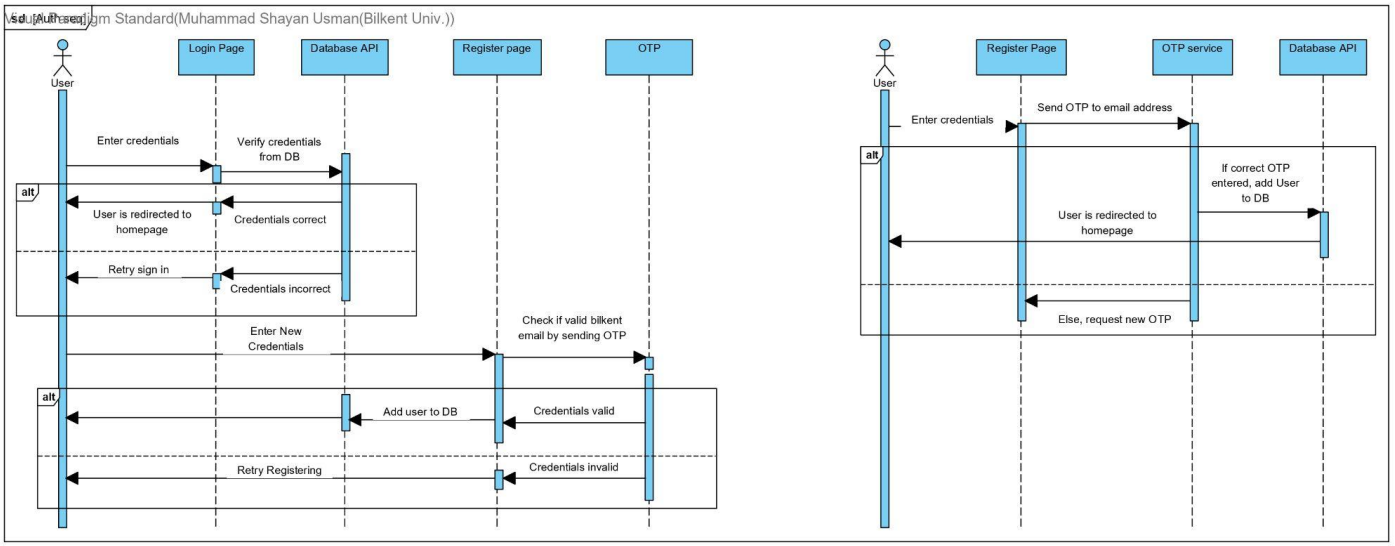


Activity Diagram - Lost and found

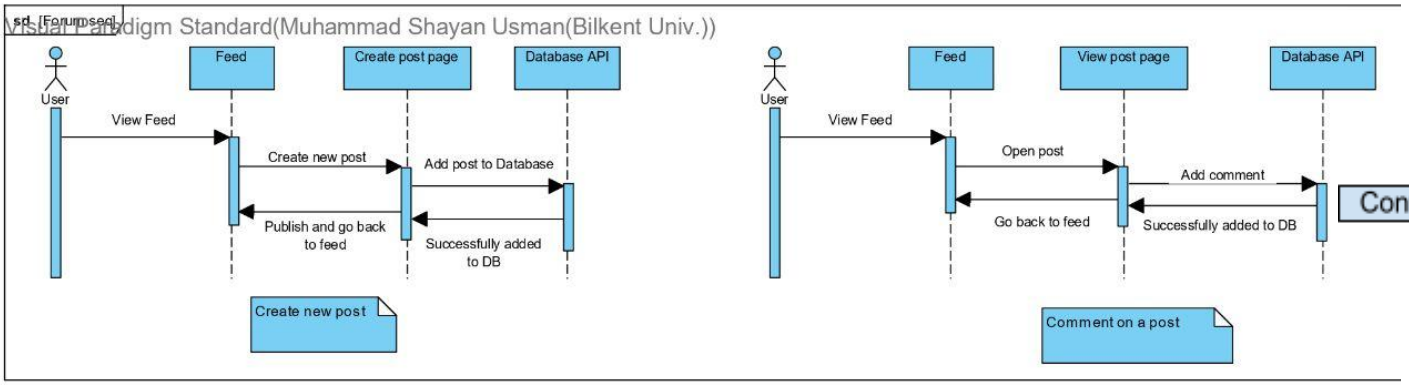


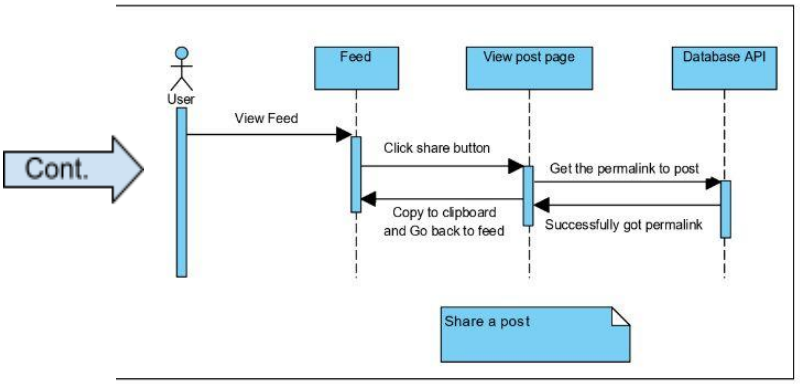
Sequence Diagrams

Sequence Diagram -Authentication

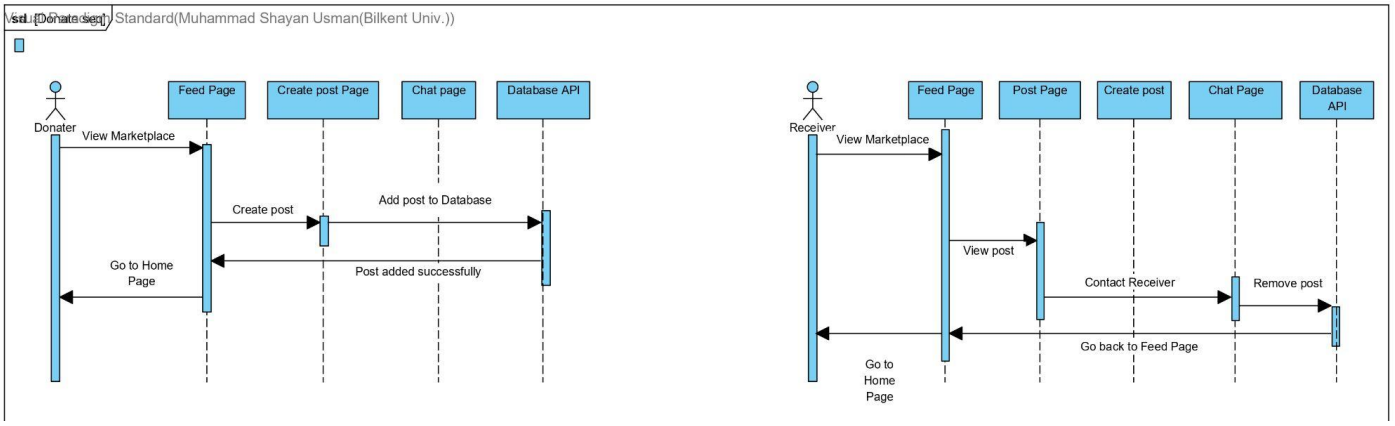


Sequence Diagram -Forum

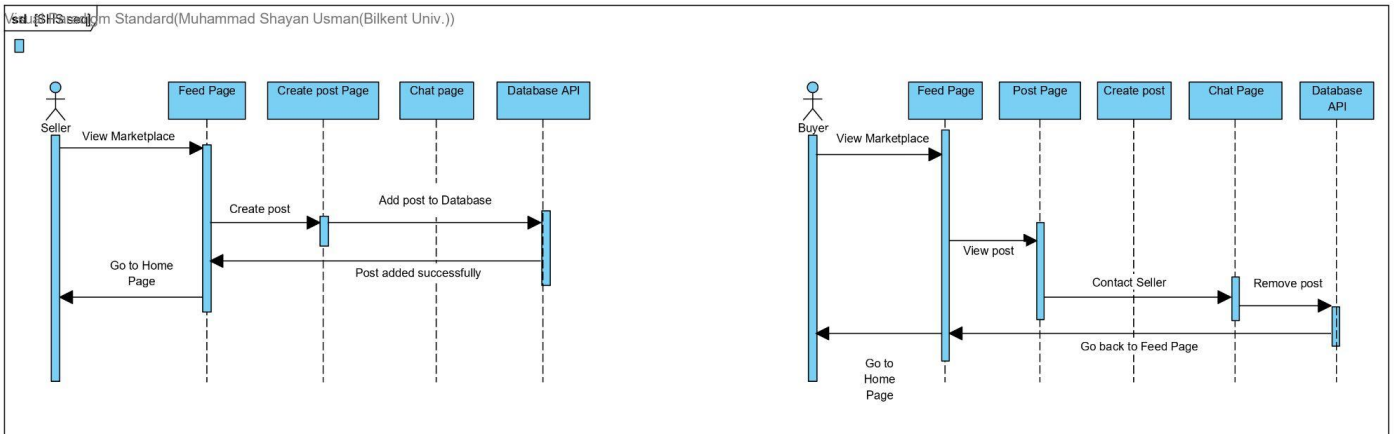




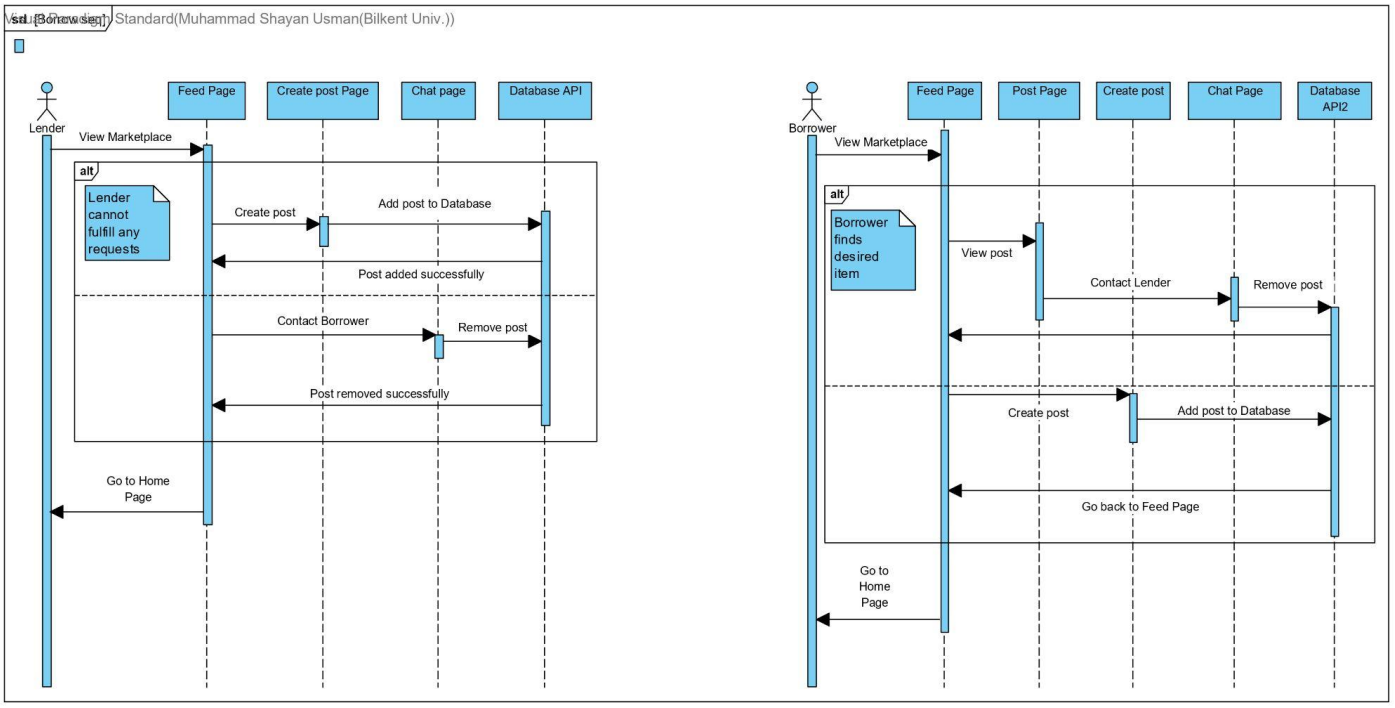
Sequence Diagram -Donate



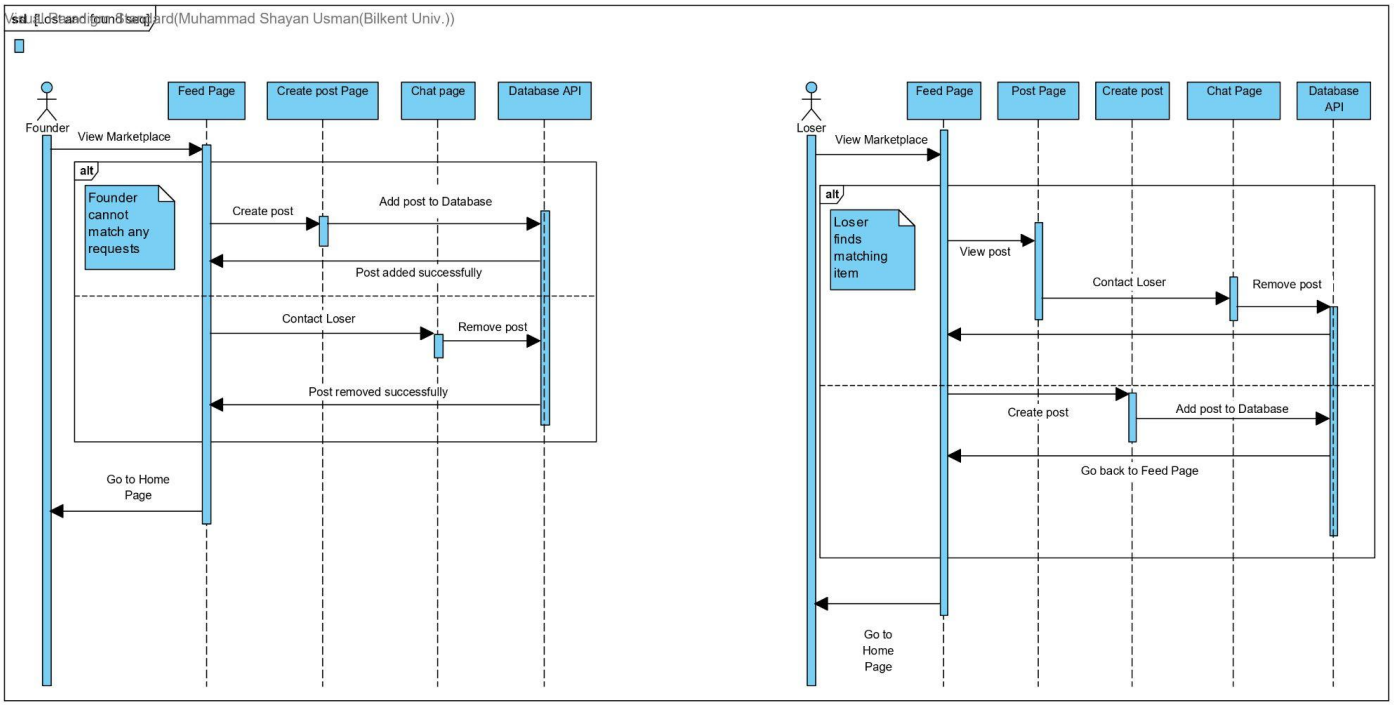
Sequence Diagram -Second hand sale



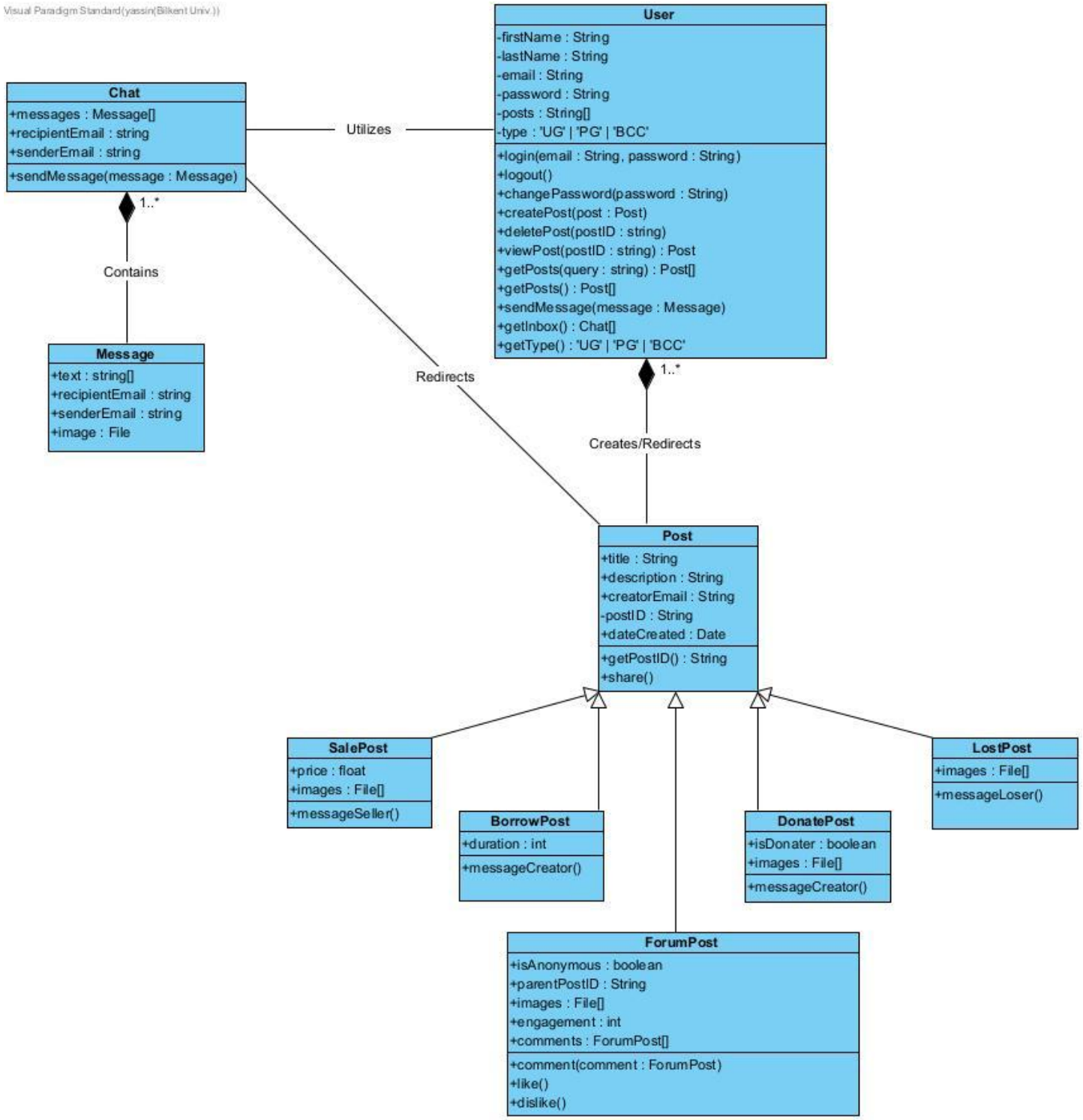
Sequence Diagram -Borrow



Sequence Diagram -Lost and found

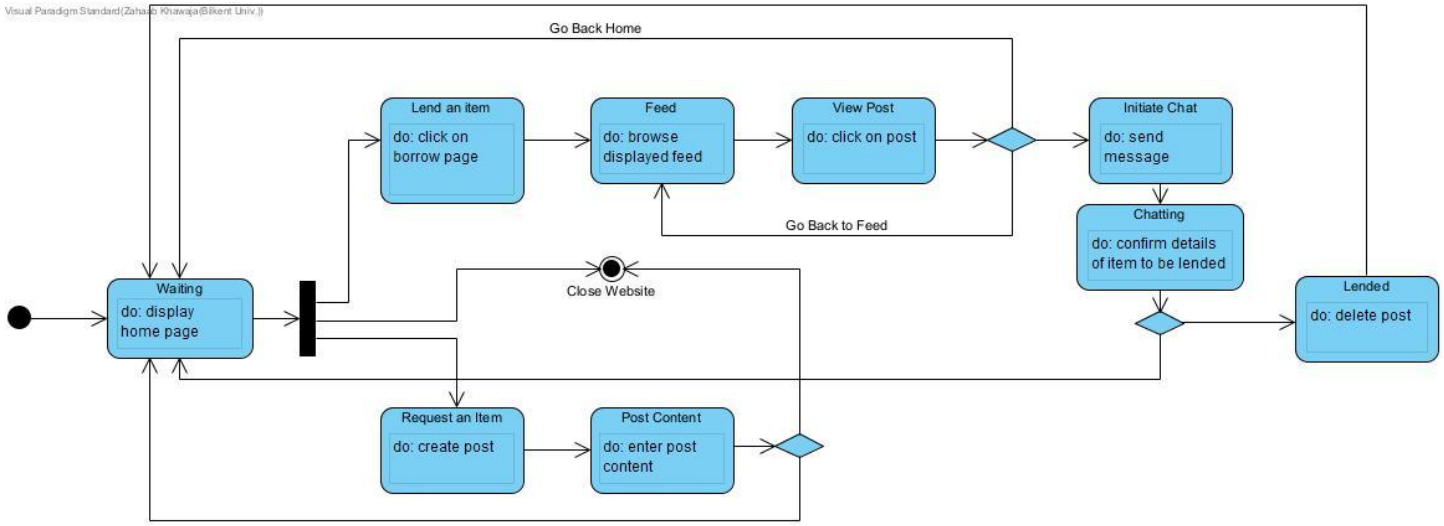


Class

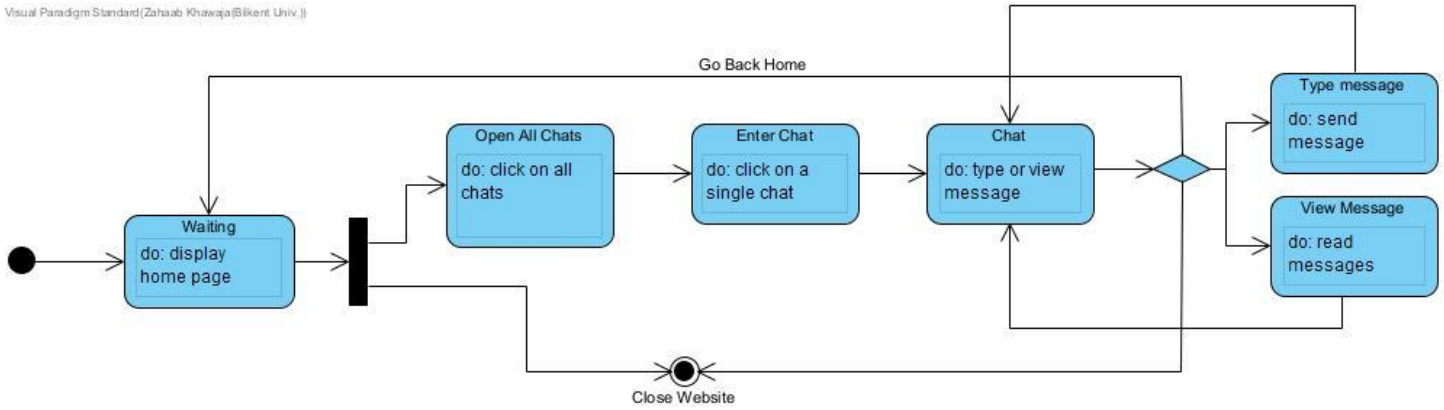

Visual Paradigm Standard (yassin(Bilkent Univ.))
User
-firstName : String
-lastName : String
-email : String
-password : String
-posts : String[]
-type : 'UG' | 'PG' | 'BCC'
+login(email : String, password : String)
+logout()
+changePassword(password : String)
+createPost(post : Post)
+deletePost(postID : string)
+viewPost(postID : string) : Post
+getPosts(query : string) : Post[]
+getPosts() : Post[]
+sendMessage(message : Message)
+getInbox() : Chat[]
+getType() : 'UG' | 'PG' | 'BCC'
Chat
+messages : Message[]
+recipientEmail : string
+senderEmail : string
+sendMessage(message : Message)
Utilizes
1..*
Contains
Message
+text : string[]
+recipientEmail : string
+senderEmail : string
+image : File
Redirects
1..*
Creates/Redirects
Post
+title : String
+description : String
+creatorEmail : String
-postID : String
+dateCreated : Date
+getPostID() : String
+share()
SalePost
+price : float
+images : File[]
+messageSeller()
BorrowPost
+duration : int
+messageCreator()
DonatePost
+isDonater : boolean
+images : File[]
+messageCreator()
LostPost
+images : File[]
+messageLoser()
ForumPost
+isAnonymous : boolean
+parentPostID : String
+images : File[]
+engagement : int
+comments : ForumPost[]
+comment(comment : ForumPost)
+like()
+dislike()

State Diagrams

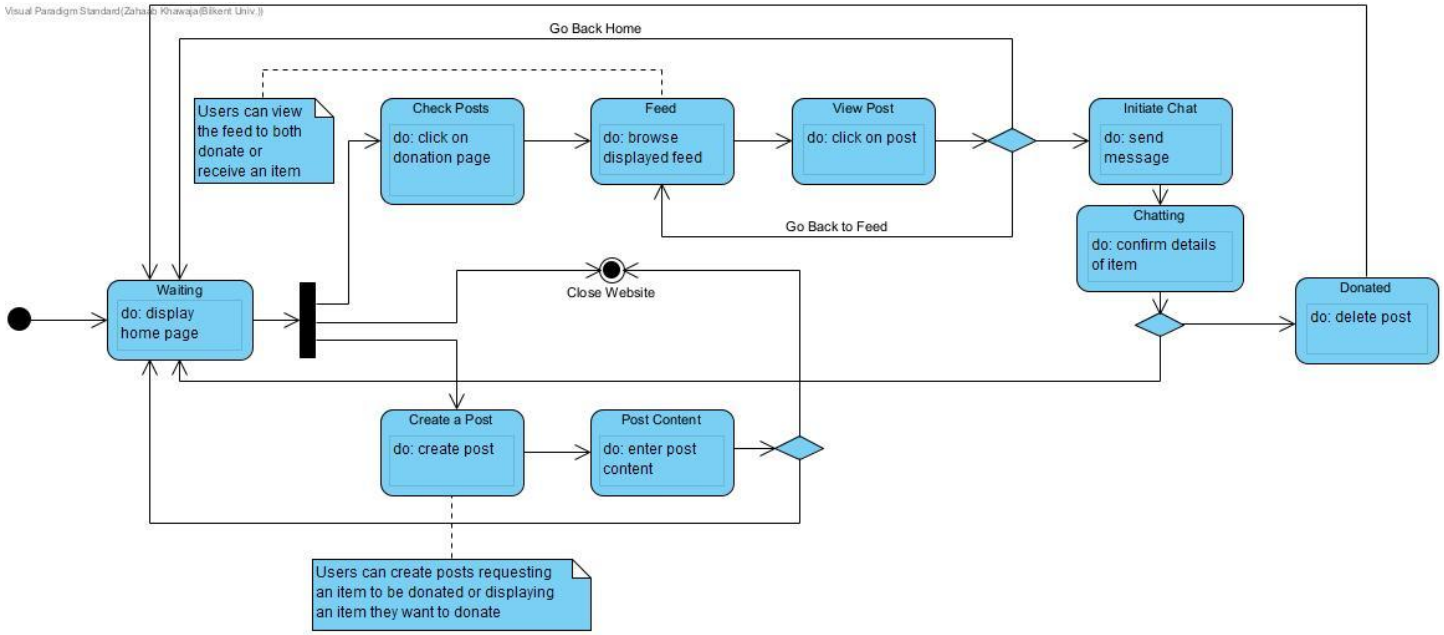
State Diagrams - Borrow:



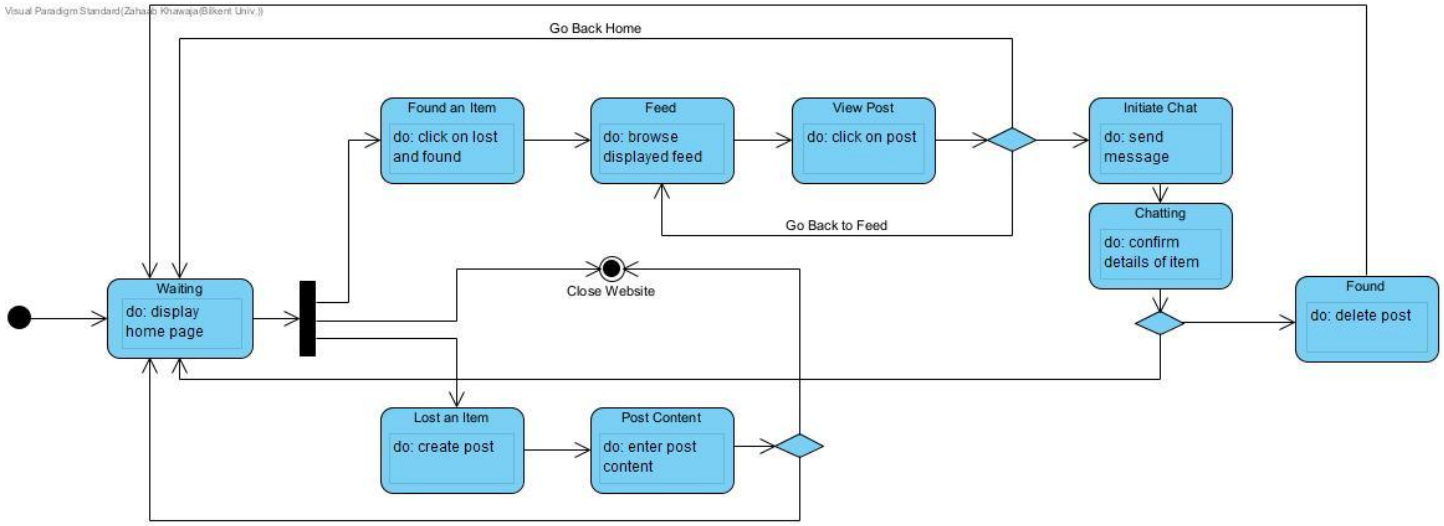
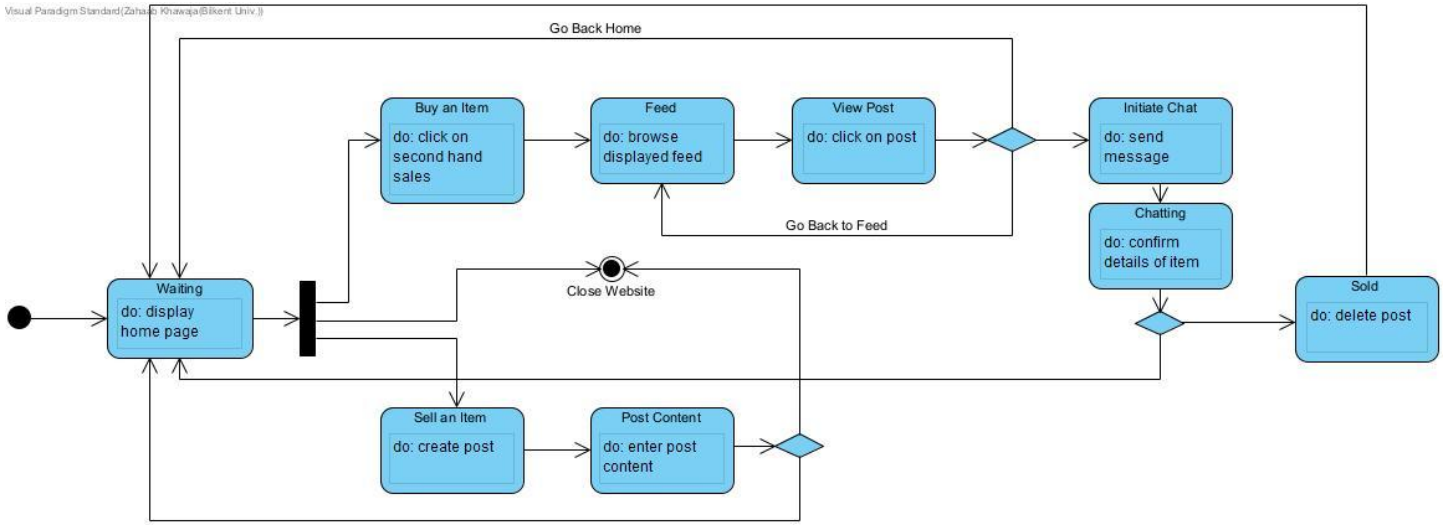
State Diagrams - Chat:



State Diagrams - Donation:



State Diagrams - Lost and found:



State Diagrams - Second hand sale: