

IT SYSTEM ANALYSIS AND MODELING PRACTICE

ONLINE BRIDGE BETWEEN LOGO DESIGNERS AND CUSTOMERS

Name: LOGOIT

Description: Logoit is an online marketplace that provides custom logo service in 24 hours by freelance designers around the world. A customer, who wants to order a logo for his/her own needs, logs in the system, see the news feed including the latest freelance jobs, can pick a specific freelance designer by observing his/her portfolio, can post a public logo request for his/her logo need and make the best choice among the design offers made by designers.

On the other hand, a freelance designer can create his/her own profile, see the public requests and offer customers draft logo designs. Freelancer can improve their portfolio by selling more logos and make customers choose him/her first.

Logoit's mission is to make customer happy in 24 hours. Once a public post is published or a private order is made, freelancers have only 24 hours to reply with draft design.

Functional Requirements:

1. User should register. *
- 1.1. User cannot register as both customer and freelancer.
- 1.2. User should be able to register with Google account.
2. User should log in the system. *
- 2.1. User should be able to renew the password if he/she forgets it.
- 2.2. User should be able to log in with Google account.
3. User should view the News Feed right after successful login. *
4. User should click the usernames in the News Feed. *
- 4.1. After clicking the username, user should be navigated to profile page of the chosen user.
5. User as a customer should be able to make a logo order in the profile page of a freelancer. *
- 5.1. Ordered logo should be added into customer's order list.
- 5.2. Ordered logo should be added into freelancer's work list.
6. Customer should be able to cancel his/her logo order.
- 6.1. Admin should be able to cancel logo orders.
7. Freelancer should upload a logo draft in 24 hours in order to sell it. *
- 7.1. The draft should be added into customer's order list.
- 7.2. The draft should be added into freelancer's work list.
8. Customer should make the payment after he/she has decided to buy the original logo *
9. After payment is made, freelancer should upload the original design files of the logo ordered. *
10. After payment is made, the purchased design should be added to freelancer's portfolio.
11. Customer should be able to download the original design files of the logo ordered. *
12. Customer should be able to download the design files in different formats.

13. Drafts and design files should be stored temporarily.
14. Customer should be able to post a public logo request. *
15. Customer should be able to cancel a public logo request.
16. Public logo requests should be added to the News Feed.
17. Public logo requests should be viewed in customer's Public Requests list.
18. Freelancers should reply with drafts in 24-hour request time.
19. All drafts replied by freelancers should be viewed by other users.
20. Customer should see the drafts below his/her public post and decide which one to buy.
- 20.1. After customer has made a decision, he/she clicks on the draft and selects "Make Payment"
21. Admin should be responsible for updating the system
22. Users should be able to view their own profiles.
23. Users should be able to edit their own profiles.

LOGOIT Use Case Documentation

Register	
Name:	Register
Number:	1
Author:	Atacan Demiralp - pm
Relevance level:	High
Use case type:	General
Actors:	User, Database System
Short description:	Registering user
Initial conditions:	None
Final conditions:	System has a new registered user
Main flow actions:	1.1. User clicks the "Register" button 1.2. System requires username, e-mail address, password and role information of user 1.3. User picks just one role; customer or freelancer 1.4. User enters the information and clicks "next" 1.5. System sends a activation mail to the user 1.6. User activates his/her membership by clicking the link in the mail that has sent by the system 1.7. System displays "activation successful" message 1.8. User information is stored in database.
Alternative flow actions:	1.1. User registers with Google account 2.1. User tries to enter an existing e-mail or username 2.2. System warns user to type a non-existing e-mail and username

Register	
Special Requirements:	1. E-mail system
Notes:	None

Login	
Name:	Login
Number:	2
Author:	Atacan Demiralp - pm
Relevance level:	High
Use case type:	General
Actors:	User, Admin, Database System
Short description:	User logs in the system
Initial conditions:	<ol style="list-style-type: none"> 1. User has a registered account 2. There is information of latest works in the news feed
Final conditions:	1. User sees the first page after login
Main flow actions:	<ol style="list-style-type: none"> 1.1. User clicks Login button 1.2. User enters username and password 1.3. User sees the main page
Alternative flow actions:	<ol style="list-style-type: none"> 1.1. User clicks Login button 1.2. User enters wrong username and password 1.3. User clicks "forgot my info" button 1.4. System asks for the e-mail address. 1.5. User enters the e-mail address 1.6. System sends the user an e-mail with "reset password" URL 1.7. User clicks that URL and it navigates to "enter new password" page. 1.8. User enters new password 1.9. System navigates to the login page 2.1. User logs in with Google account
Special Requirements:	1. E-mail system
Notes:	None

View News Feed	
Name:	View News Feed
Number:	3
Author:	Atacan Demiralp - pm

View News Feed	
Name:	View News Feed
Number:	3
Author:	Atacan Demiralp - pm
Relevance level:	Medium
Use case type:	General
Actors:	User, Admin
Short description:	Seeing details of a content in the News Feed
Initial conditions:	<ol style="list-style-type: none"> 1. User logs in 2. There is information of latest works in the news feed
Final conditions:	<ol style="list-style-type: none"> 1. User sees details about the content in the News Feed
Main flow actions:	<ol style="list-style-type: none"> 1.1. User makes successful Login 1.2. User sees the main page 1.3. Main page includes the News Feed 1.4. The News Feed is a table of information of latest logo sold. 1.4. Each row in the News Feed has a single sentence such as "Freelancer X has delivered a logo". 1.5. The rows are sorted by time in descending order.
Alternative flow actions:	<ol style="list-style-type: none"> 1.1. User might be in a different page such as "View My Profile" 1.2. User clicks "View News Feed" 1.3. System navigates to the main page. 1.4. User views the News Feed
Special Requirements:	<ol style="list-style-type: none"> 1. News Feed should be updated after a freelancer has sold a logo.
Notes:	None

View User's Profile	
Name:	View User's Profile
Number:	4
Author:	Atacan Demiralp - pm
Relevance level:	Medium
Use case type:	General
Actors:	User, Admin
Short description:	Seeing profile page of a user

View User's Profile	
Initial conditions:	1. User sees a username of another user
Final conditions:	1. User sees details about the profile page of a user
Main flow actions:	1.1. User views the News Feed 1.2. User click a username in the News Feed 1.3. System navigates to the profile page of the chosen user. 1.4. User sees information such as "About" and "Portfolio"
Alternative flow actions:	1.1. User can reach the clickable username in other possible pages.
Special Requirements:	1. Usernames are clickable in every page.
Notes:	None

Make Logo Order	
Name:	Make Logo Order
Number:	5
Author:	Atacan Demiralp - pm
Relevance level:	Medium
Use case type:	General
Actors:	Customer
Short description:	Making a logo order
Initial conditions:	1. Customer views the profile of a freelancer
Final conditions:	1. Customer makes a logo order
Main flow actions:	1.1. Customer views the profile of a freelancer 1.2. Customer clicks "Make Logo Order" button 1.3. Customer enters information about the logo which he/she wants to receive 1.4. The order is added into customer's order list 1.5. The order is added into freelancer's work list
Alternative flow actions:	None
Special Requirements:	1. Unless the freelancer sends the customer a draft in 24 hours, the order is automatically deleted
Notes:	None

Cancel Logo Order	
Name:	Cancel Logo Order

Cancel Logo Order	
Number:	6
Author:	Atacan Demiralp - pm
Relevance level:	Medium
Use case type:	General
Actors:	Customer, Admin
Short description:	Canceling a current logo order
Initial conditions:	1. Customer has made a logo order
Final conditions:	1. Customer cancels logo order
Main flow actions:	1.1. Customer's logo orders are listed in profile page of customers 1.2. Customer views his/her own profile 1.3. Customer sees the order list. 1.4. Customer selects an order and clicks "Cancel Order" 1.5. System asks if he/she is sure 1.6. Customer replies 1.7. The logo order is cancelled 1.8. The cancelled orders are removed from the order list
Alternative flow actions:	1. Admin cancels logo orders
Special Requirements:	None
Notes:	None

Upload Draft	
Name:	Upload Draft
Number:	7
Author:	Atacan Demiralp - pm
Relevance level:	Medium
Use case type:	General
Actors:	Freelancer
Short description:	Uploading logo draft to get it approved
Initial conditions:	1. Customer has made a logo order
Final conditions:	1. Freelancer uploads a draft of the original logo which has ordered by customer
Main flow actions:	1.1. Freelancer uploads logo draft which he/she has worked 1.2. Freelancer enters the price of the original logo 1.3. Customer sees the draft 1.4. Customer decides whether to make payment

Upload Draft	
Alternative flow actions:	None
Special Requirements:	1.1. Freelancer should upload the draft before the 24-hour order time has passed 2.1. Draft should be added into customer's order list 2.2. Draft should be added into freelancer's work list
Notes:	None

Make Payment	
Name:	Make Payment
Number:	8
Author:	Atacan Demiralp - pm
Relevance level:	High
Use case type:	General
Actors:	User, Payment System
Short description:	Making payment for an original logo
Initial conditions:	1.1. Freelancer has uploaded a draft 1.2. Customer has seen a draft and decided to buy it
Final conditions:	1.1. Customer makes the payment 1.2. Freelancer receives the payment
Main flow actions:	1.1. Customer clicks "Make Payment" 1.2. System requests for the specific amount of money that freelancer has entered 1.3. Customer approves the amount. 1.4. System navigates to Verification Page 1.5. Customer picks a payment method available 1.6. Customer enters verification information such as credit card number, name, surname and etc. 1.7. Customer completes the payment. 1.8. Customer gets information mail about the payment. 1.9. Freelancer gets information mail about the payment. 1.10. The logo purchased is added to freelancer's portfolio.
Alternative flow actions:	None
Special Requirements:	
Notes:	None

Upload Logo	
Name:	Upload Logo
Number:	9
Author:	Atacan Demiralp - pm
Relevance level:	High
Use case type:	General
Actors:	Freelancer
Short description:	Uploading the original design files
Initial conditions:	1.1. Customer has made the payment
Final conditions:	1.1. Customer is able to download the original logo files
Main flow actions:	1.1. Freelancer clicks Upload Logo 1.2. Freelancer uploads the original design files in different formats such as psd, ai, png, pdf etc.
Alternative flow actions:	None
Special Requirements:	
Notes:	None

Download Logo	
Name:	Download Logo
Number:	11
Author:	Atacan Demiralp - pm
Relevance level:	High
Use case type:	General
Actors:	Customer
Short description:	Downloading the original design files
Initial conditions:	1.1. Freelancer has uploaded the original design files
Final conditions:	1.1. Customer has the original design files of the logo ordered
Main flow actions:	1.1. Customer views his/her order list. 1.2. Customer clicks "Download Logo" 1.2. Customer sees the original design files in different formats such as psd, ai, png, pdf etc.
Alternative flow actions:	None
Special Requirements:	Freelancer should upload the files before customer downloads

Download Logo	
Notes:	None

Post Public Request	
Name:	Post Public Request
Number:	14
Author:	Atacan Demiralp - pm
Relevance level:	Medium
Use case type:	General
Actors:	Customer
Short description:	Posting public logo request to be seen by all freelancers
Initial conditions:	1.1. Customer views the News Feed
Final conditions:	1.1. Customer has a public post for 24 hours
Main flow actions:	1.1. Customer clicks “Post Request” below the News Feed. 1.2. Customer enters what he/she wants as a logo, his/her budget and additional information 1.3. Customers publishes the post. 1.4. The post is added to the News Feed 1.5. The request is added to the customer’s Public Requests list.
Alternative flow actions:	None
Special Requirements:	None
Notes:	None

Cancel Public Request	
Name:	Cancel Public Request
Number:	15
Author:	Atacan Demiralp - pm
Relevance level:	Medium
Use case type:	General
Actors:	Customer, Admin
Short description:	Canceling public logo request
Initial conditions:	1.1. Customer has a public post

Cancel Public Request	
Final conditions:	1.1. Customer cancels the public post
Main flow actions:	1.1. Customer view his/her Public Requests list 1.2. Customer picks a post. 1.3. Customers clicks Cancel Public Request 1.4. The request is cancelled 1.5. The request is removed from the customer's Public Requests list.
Alternative flow actions:	None
Special Requirements:	None
Notes:	None

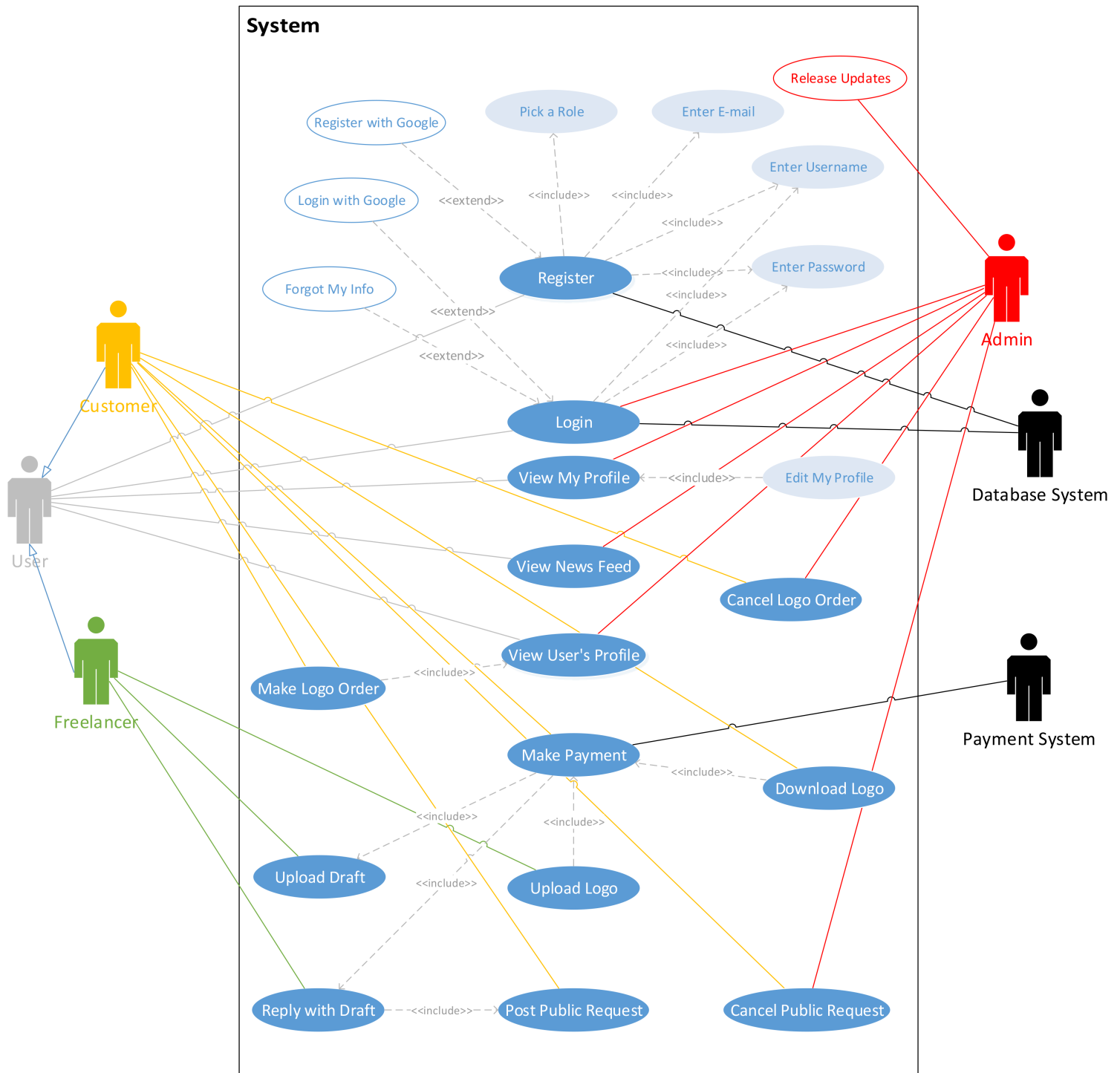
Reply With Draft	
Name:	Reply With Dradt
Number:	18
Author:	Atacan Demiralp - pm
Relevance level:	Medium
Use case type:	General
Actors:	Freelancer
Short description:	Uploading draft for public logo request
Initial conditions:	1.1. Customer has a public post
Final conditions:	1.1. Freelancer replies with draft
Main flow actions:	1.1. Freelancer sees a public post in the News Feed. 1.2. Freelancer clicks the post. 1.3. System navigates to page of the public post. 1.4. Freelancer reads the information about the logo requested. 1.5. Freelancer clicks "Reply with Draft". 1.6. Freelancer uploads draft, writes text reply and enters the price for the original logo. 1.7. The drafts uploaded by freelancers are seen below the post by other users.
Alternative flow actions:	None
Special Requirements:	Freelancer should reply before post deadline has come.
Notes:	None

View My Profile	
Name:	View My Profile

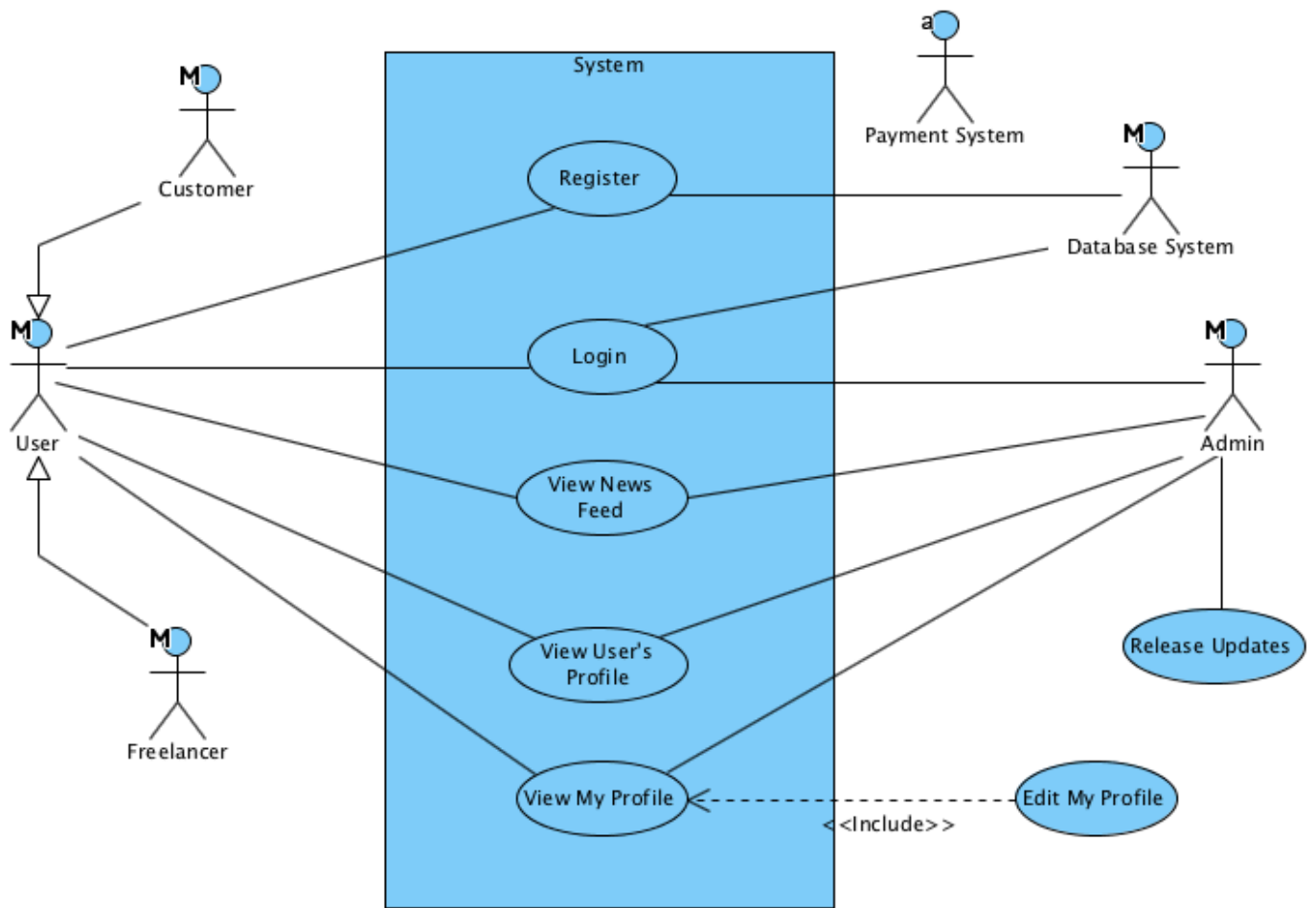
View My Profile	
Number:	22
Author:	Atacan Demiralp - pm
Relevance level:	Low
Use case type:	General
Actors:	User, Admin
Short description:	Seeing user's own profile
Initial conditions:	1. User logs in
Final conditions:	1. User sees details of his/her own profile
Main flow actions:	1.1. User clicks "My Profile" 1.2. System navigates to user's own profile page
Alternative flow actions:	None
Special Requirements:	1. None
Notes:	None

Edit My Profile	
Name:	Edit My Profile
Number:	23
Author:	Atacan Demiralp - pm
Relevance level:	Low
Use case type:	General
Actors:	User, Admin
Short description:	Editing user's own profile
Initial conditions:	1. User views his/her own profile
Final conditions:	User changes the information in his/her profile
Main flow actions:	1.1. User clicks "Edit Profile" in View My Profile page. 1.2. User enters informations into text boxes. 1.3. User clicks "Save"
Alternative flow actions:	None
Special Requirements:	None
Notes:	None

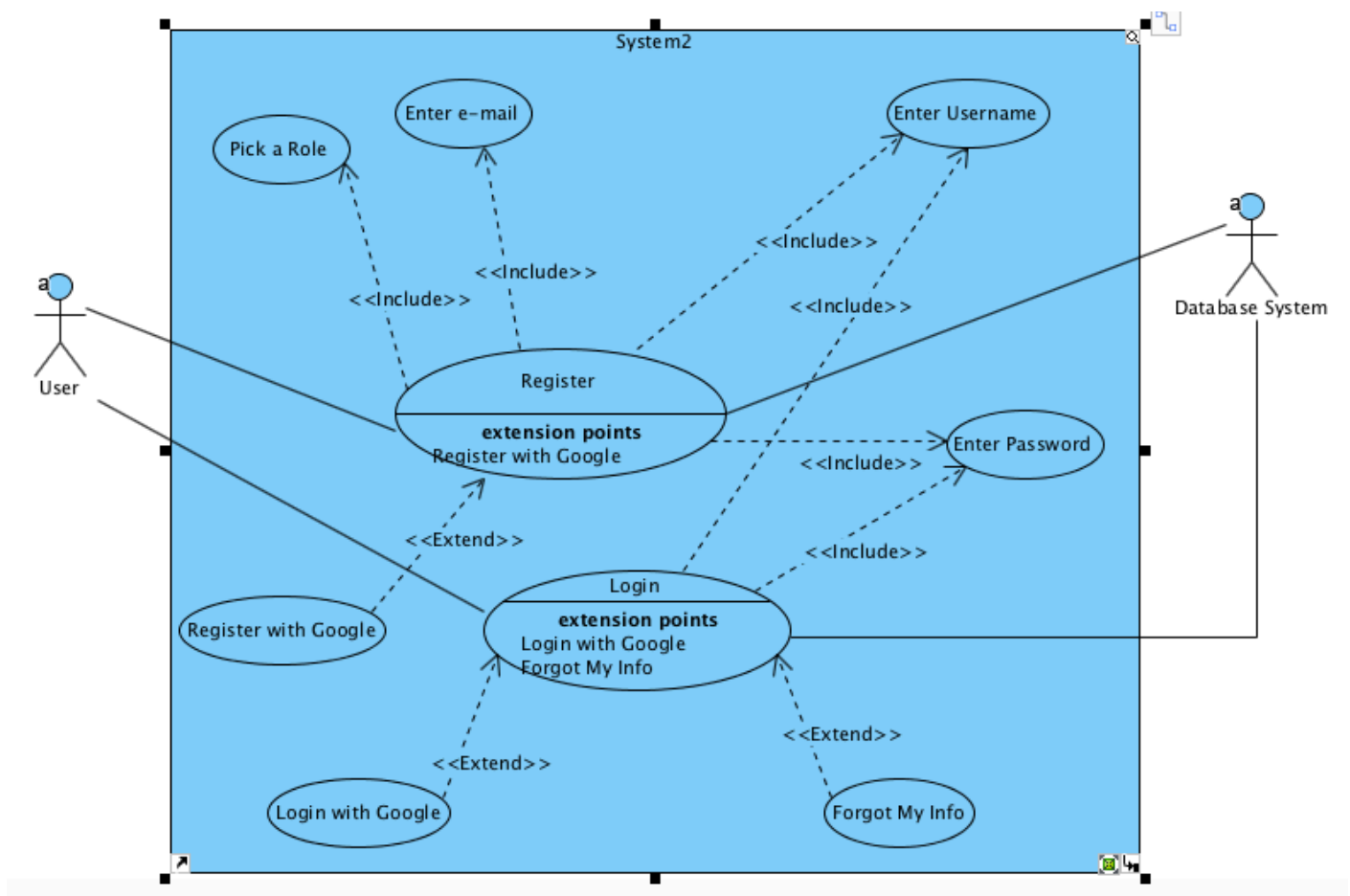
USE CASE DIAGRAM



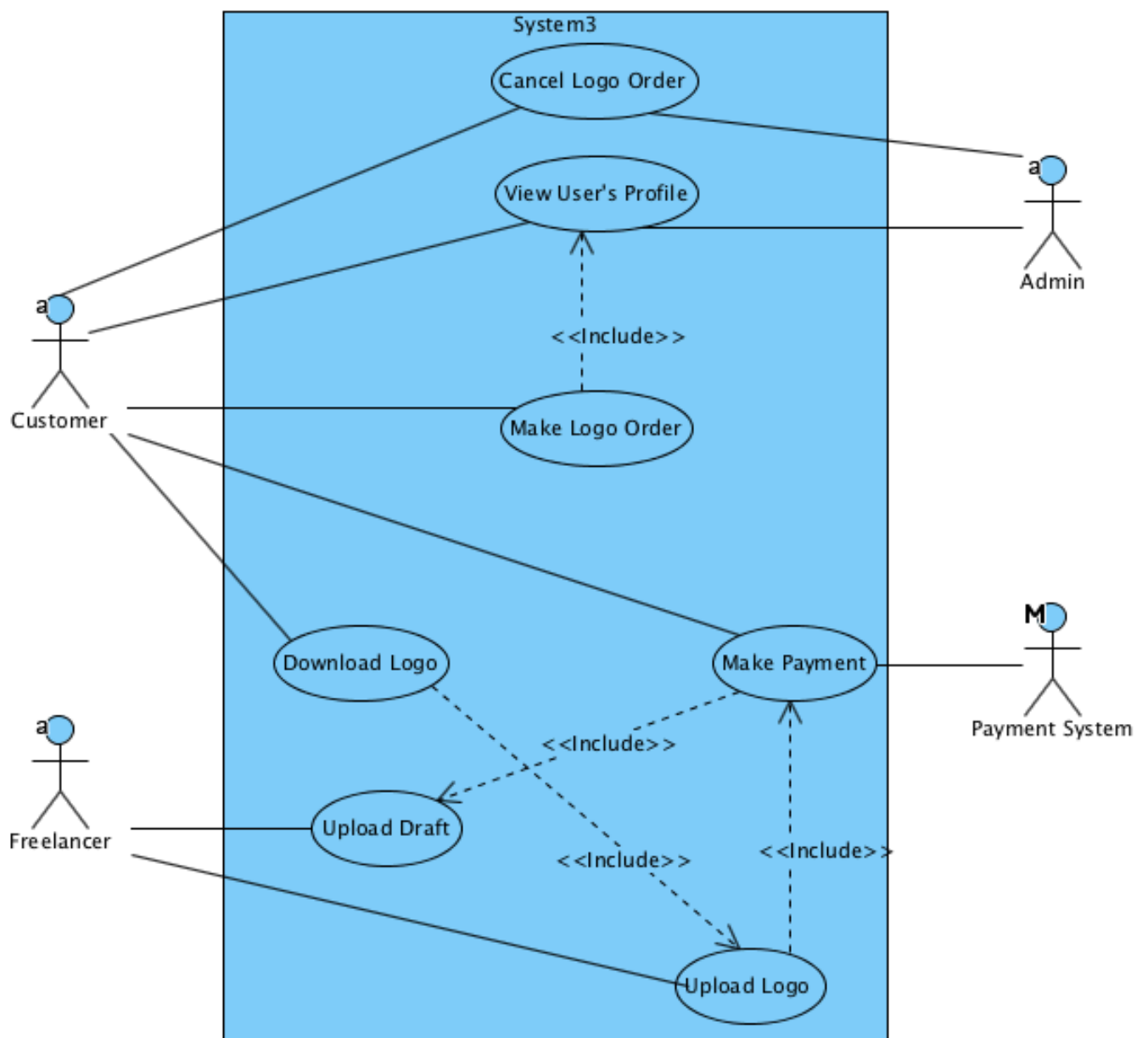
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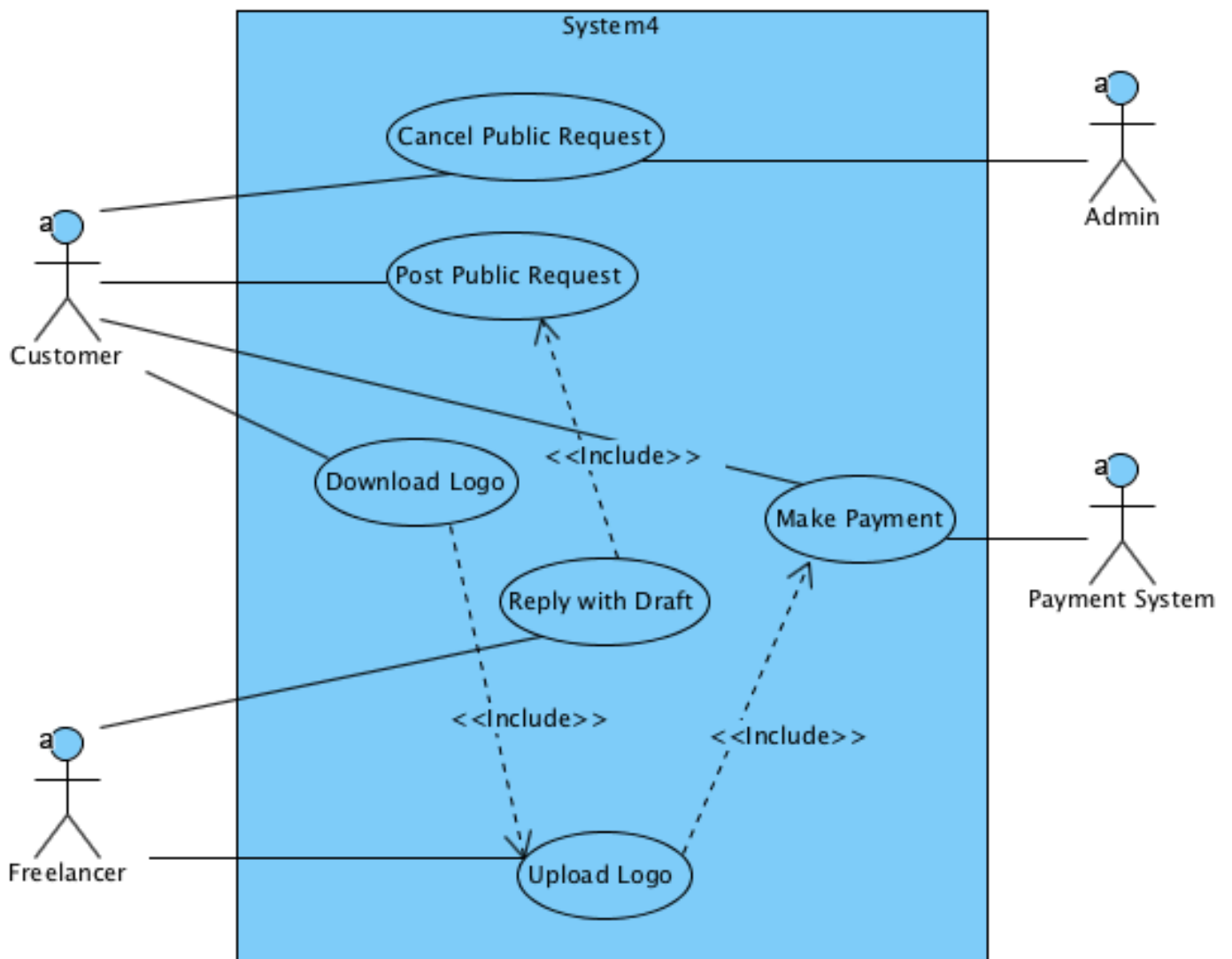
use_case_diagram2:



use_case_diagram3:

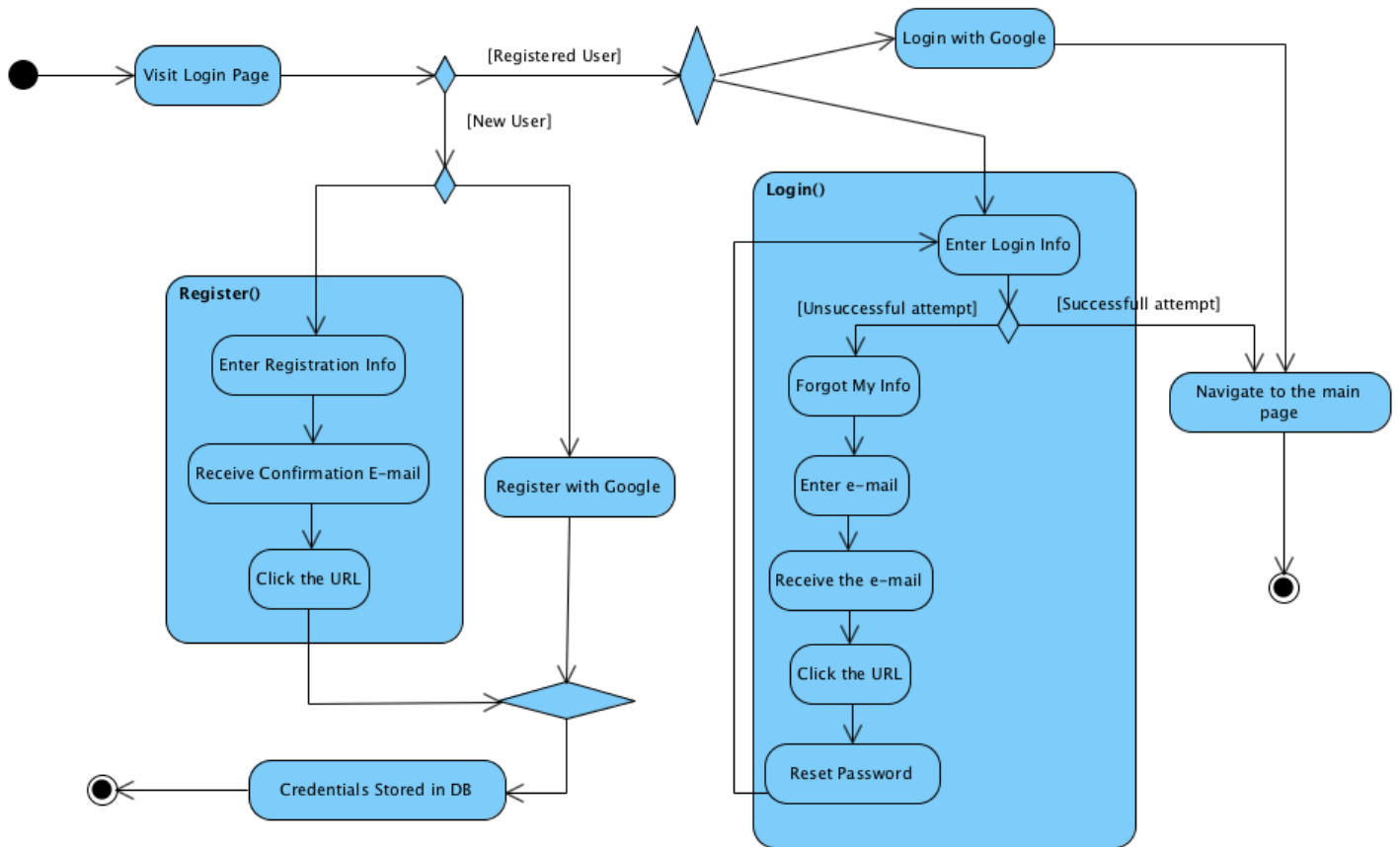


use_case_diagram4:

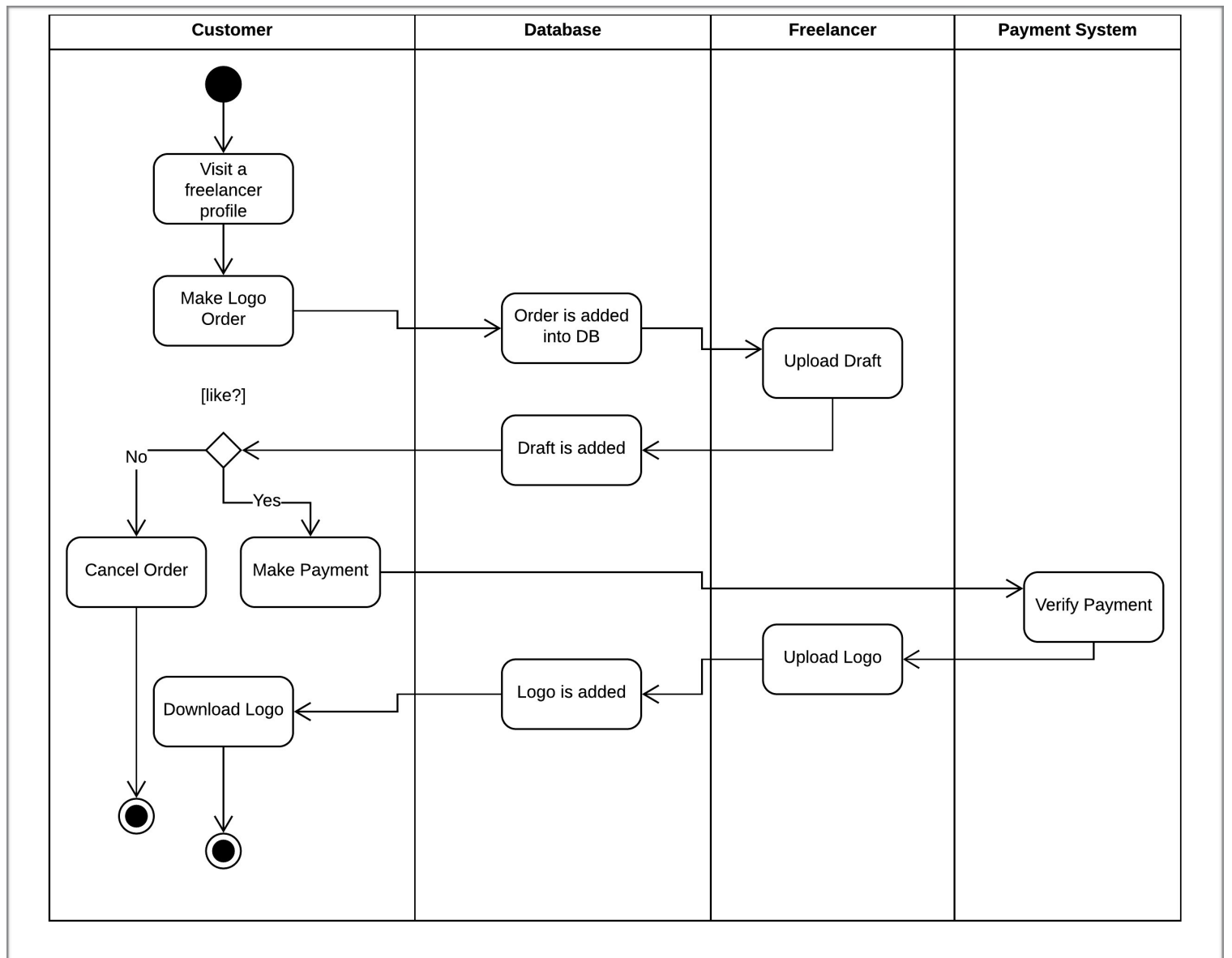


ACTIVITY DIAGRAM

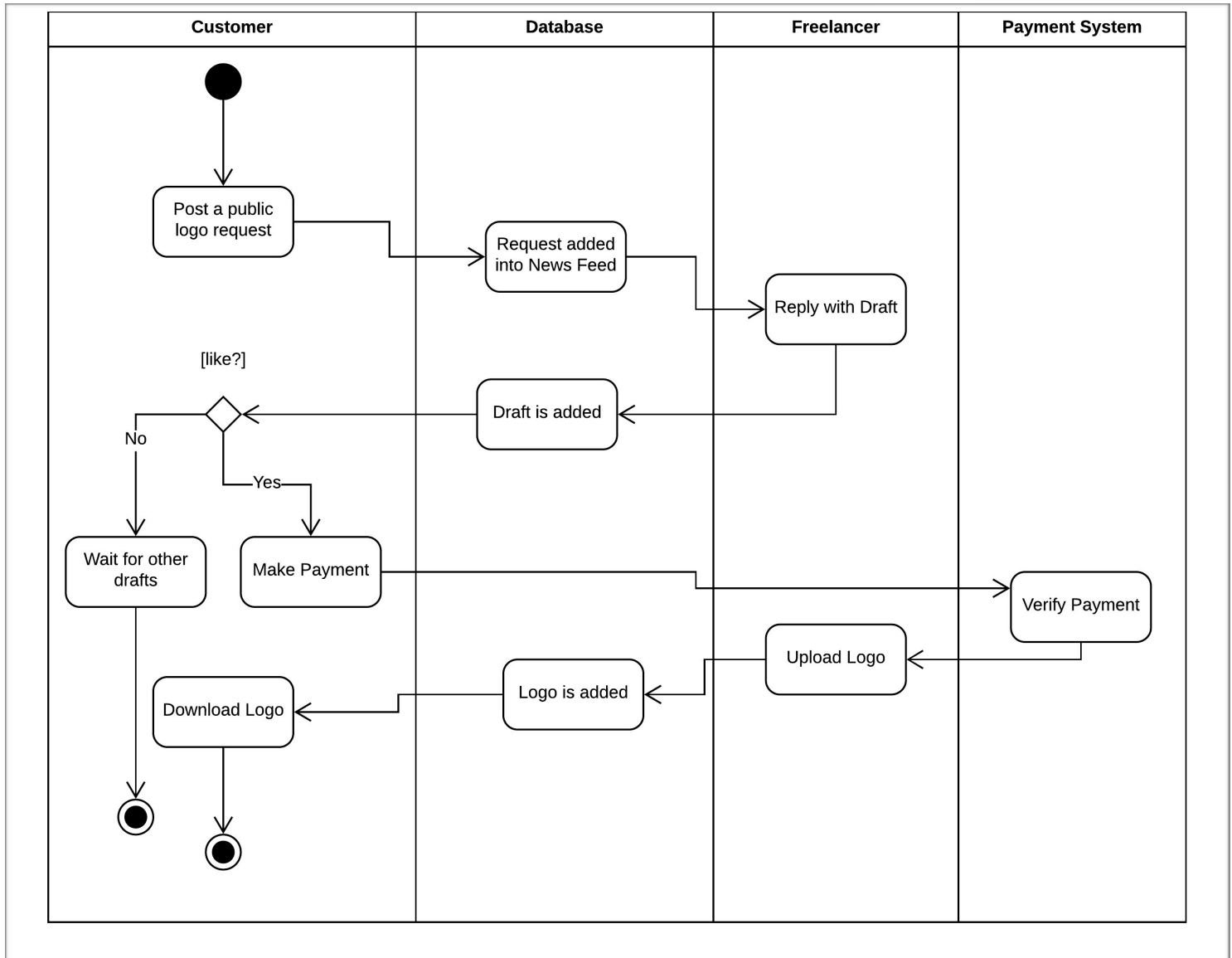
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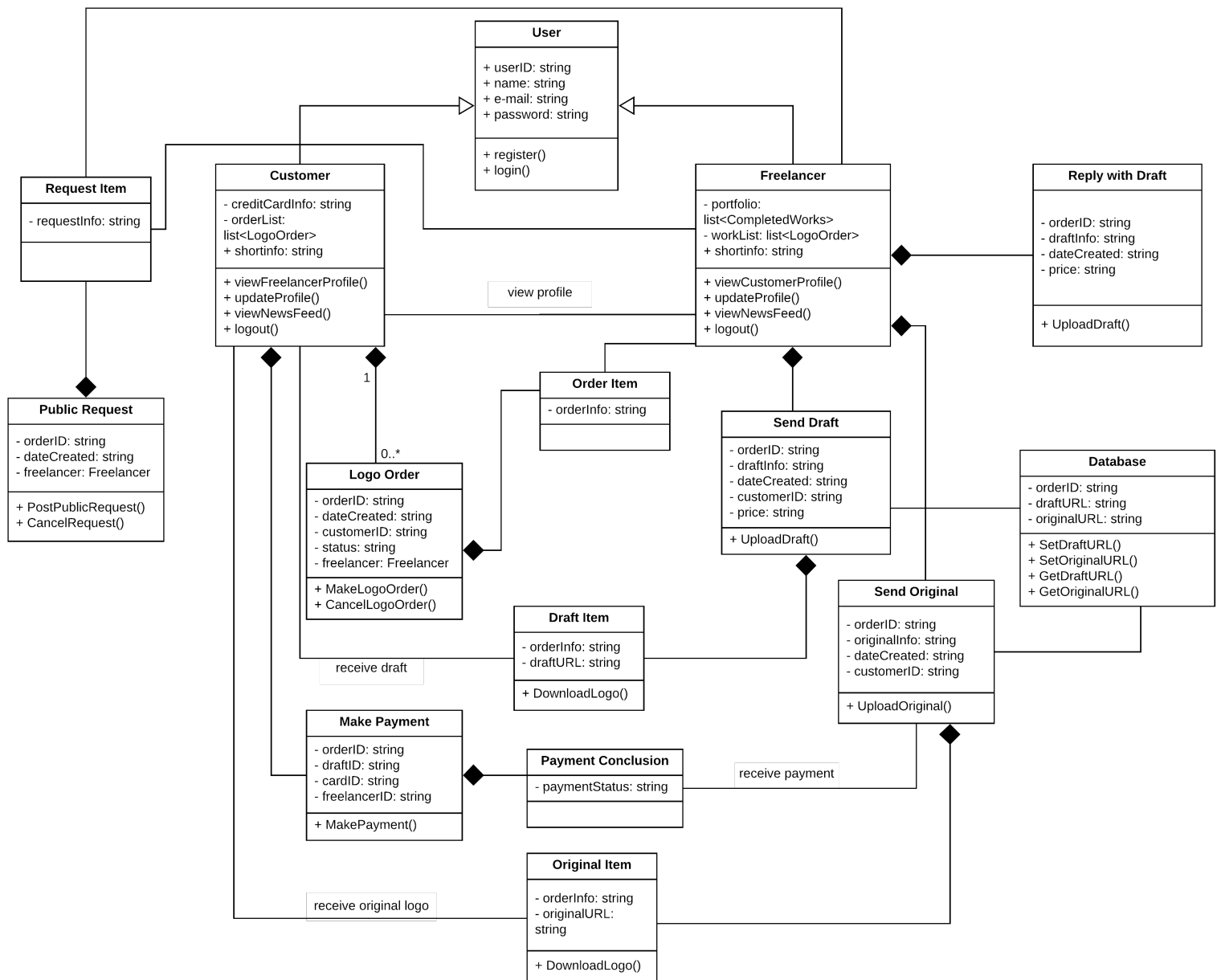
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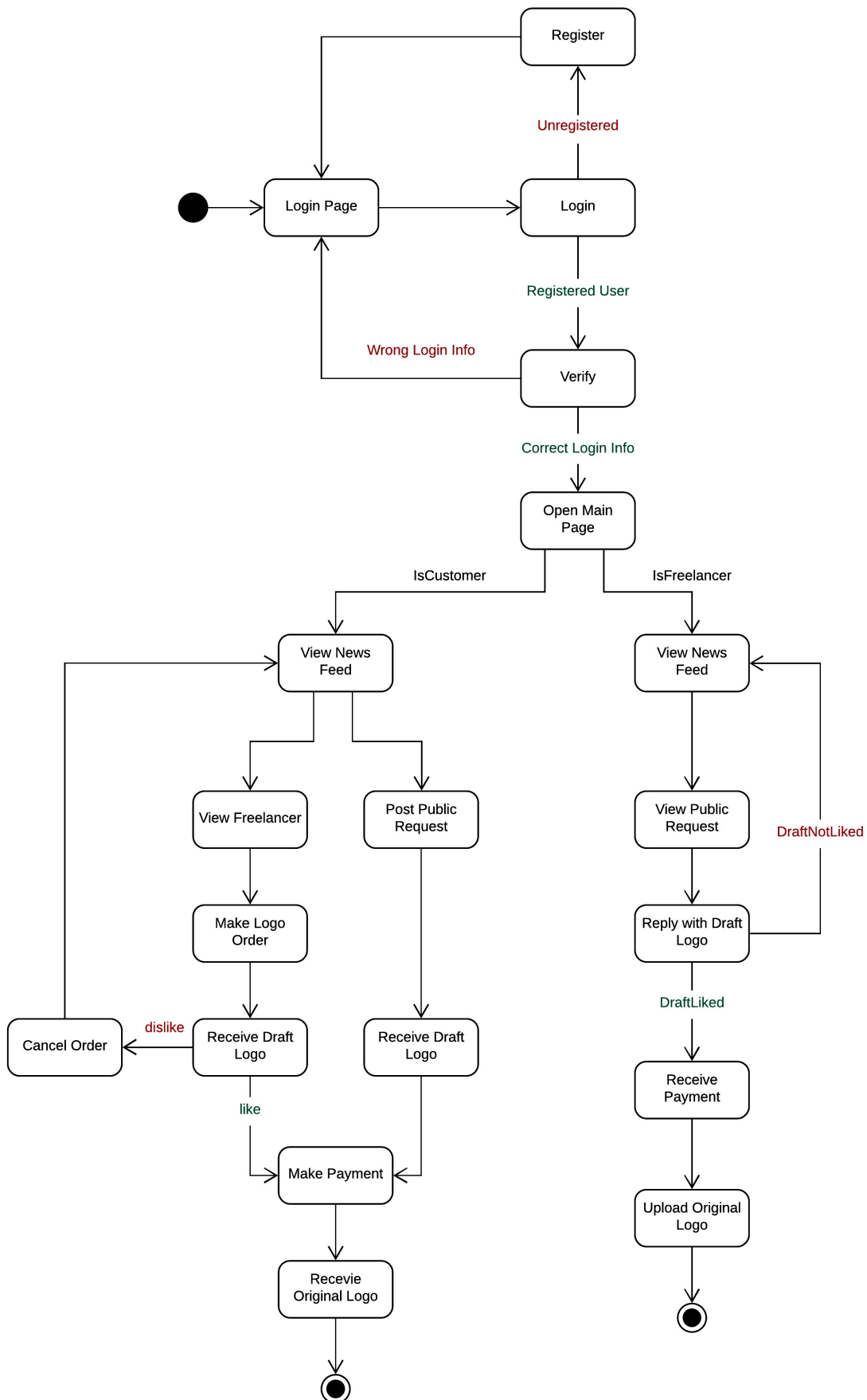
activity_diagram3:



CLASS DIAGRAM

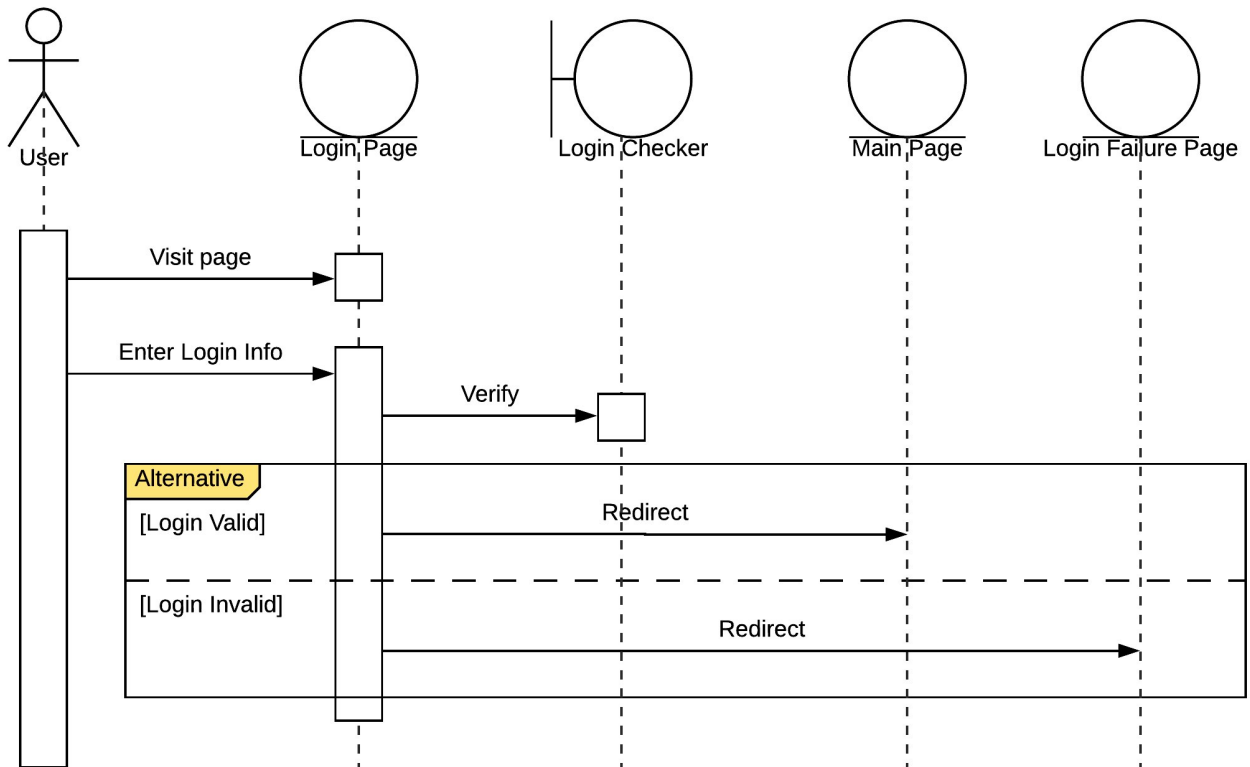


STATE MACHINE DIAGRAM

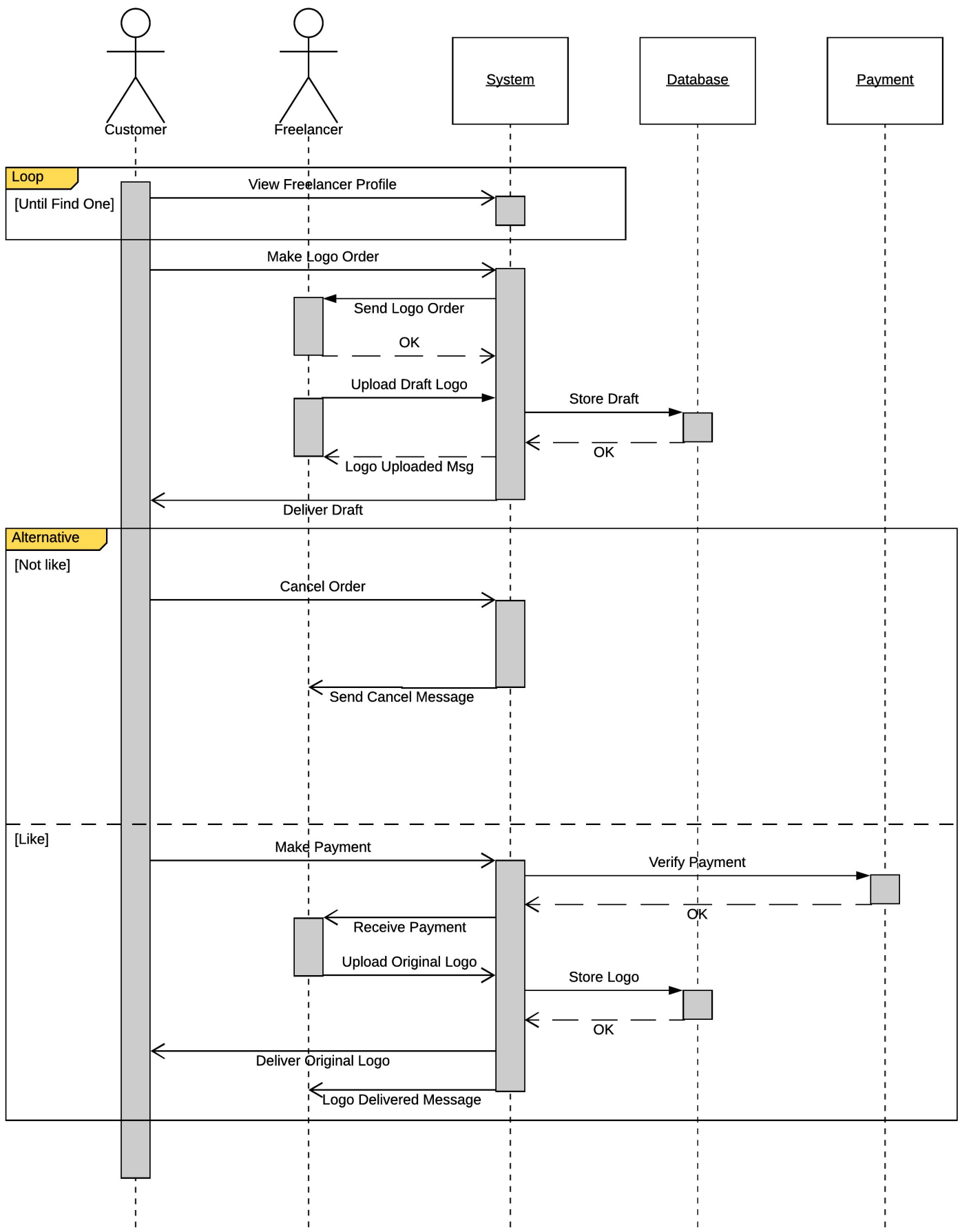


SEQUENCE DIAGRAM

sequence_diagram1:



sequence_diagram2:



sequence_diagram3:

