

Assignment 2 Cover Sheet

CASE STUDY NAME	Online advertising agency
PROJECT ID	MLB_02.01_03

Group Details:

	Student Registration Number	Student Name
1	IT23166110	D.D. Haputhanthri
2	IT23156074	R.M.H.I. Rathnayake
3	IT23160866	U.P.H.S. Abeywickrama
4	IT23164376	W.M.T.P.K. Wanasinghe
5	IT23163218	M.H.S. Perera

Assignment 2 Certify Sheet

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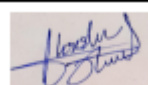
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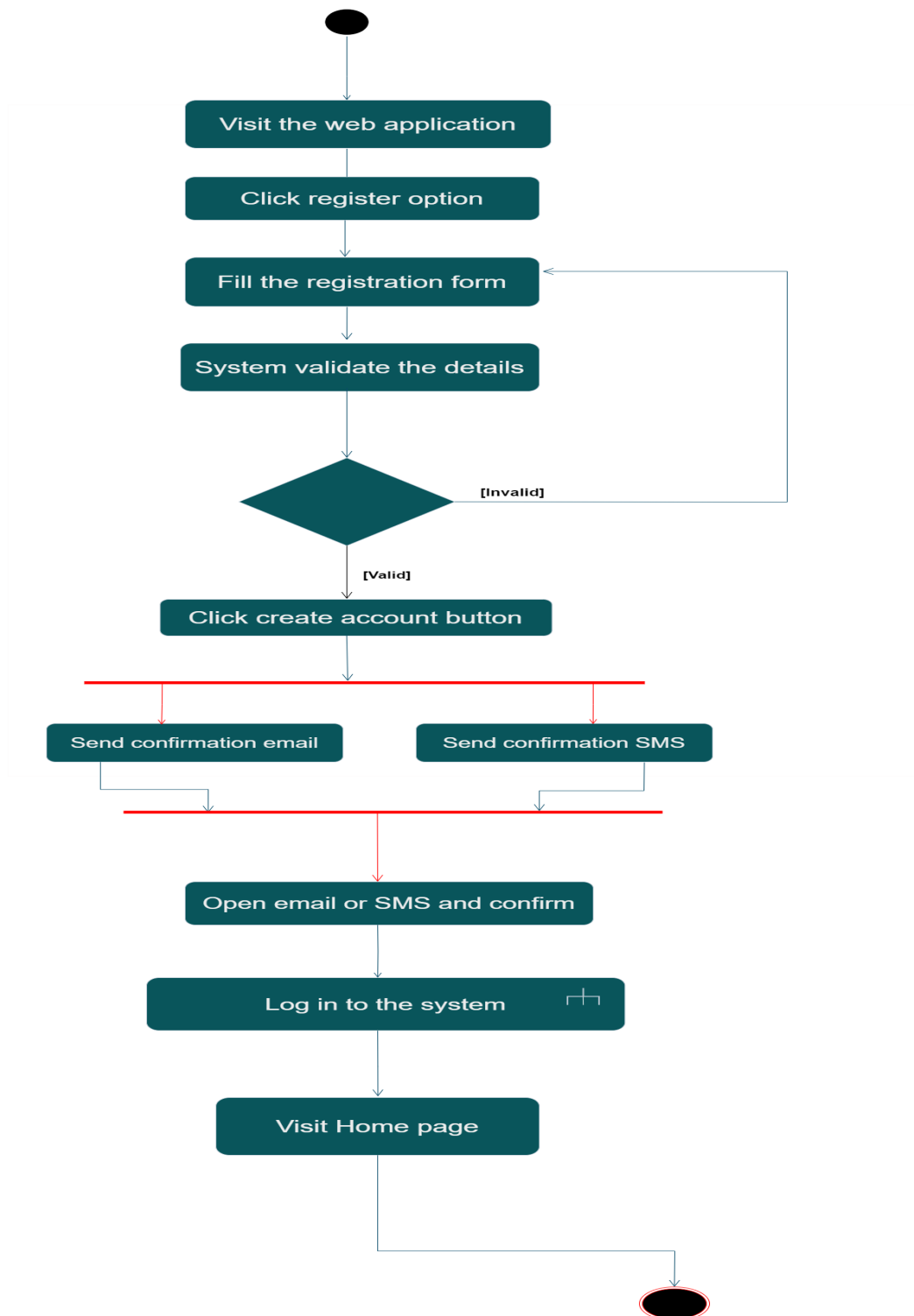
Student Name	Student Registration Number	Date	Signature
W.M.T.P.K. WANASINGHE	IT23164376	25/04/2024	

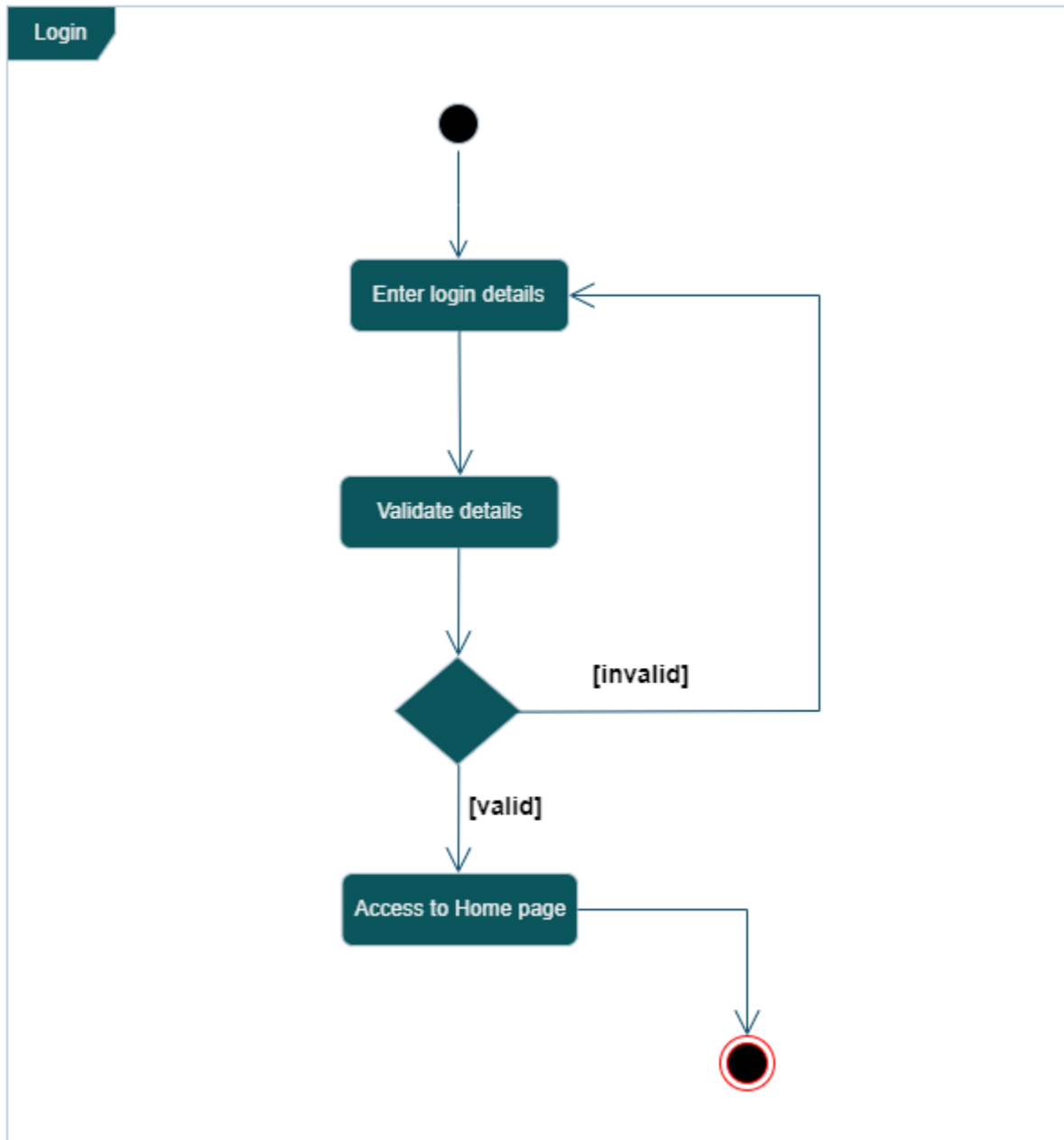
Part 1

Use case scenario – create an account

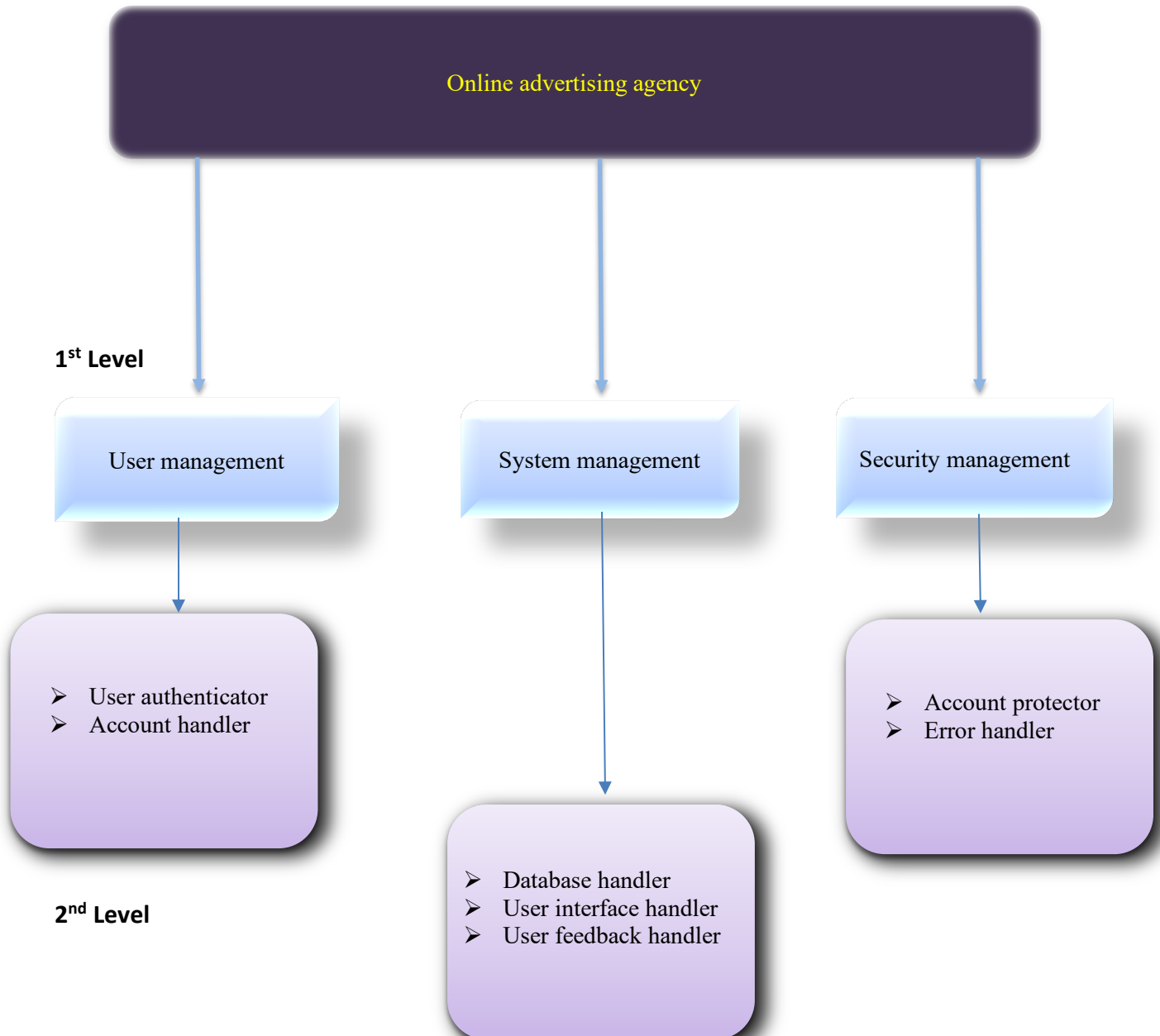
IT Number	IT23164376	
Use Case Name	Create an account	
Summary	This scenario describes, how to create a new account as a new user.	
Priority	1	
Pre-Condition(S)	The user must access the page where registration is required.	
Post-Condition(S)	The user has successfully created an account and has access to the website.	
Primary Actor(S)	Guest	
Trigger	The user has chosen to register.	
Main Scenario	Steps	Action
	01	Visit the website.
	02	Click the register option.
	03	The user must provide personal information.
	04	The system checking the provided information is valid.
	05	The user has a button to create an account.
	06	The system sends confirmation main and confirmation SMS.
	07	The user opens an email or SMS and confirms.
	08	Now user logs in to the system.
	09	Access to the home page.
Extension	Steps	Branching actions
	04(a).	If the user information is not valid, the system prompts a message with invalid information.
	04(b).	The system asks to re-enter the details.
	07(a).	If the user has not received an email, request to resend the email or SMS.

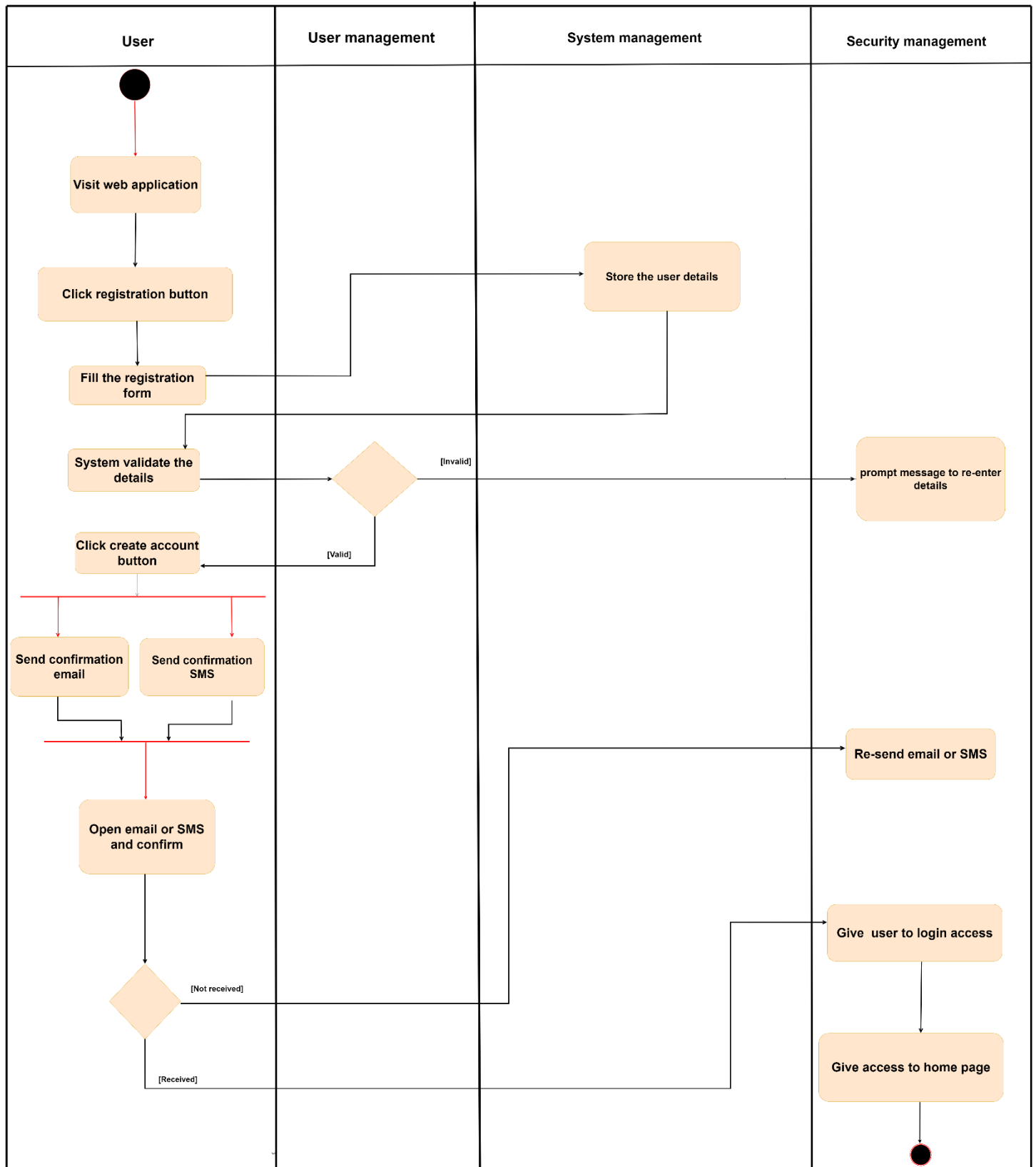
Part 1 – activity diagram





Part-2





February - 2024**IT1060 – Software Process Modeling****Assignment 2 Certify Sheet**

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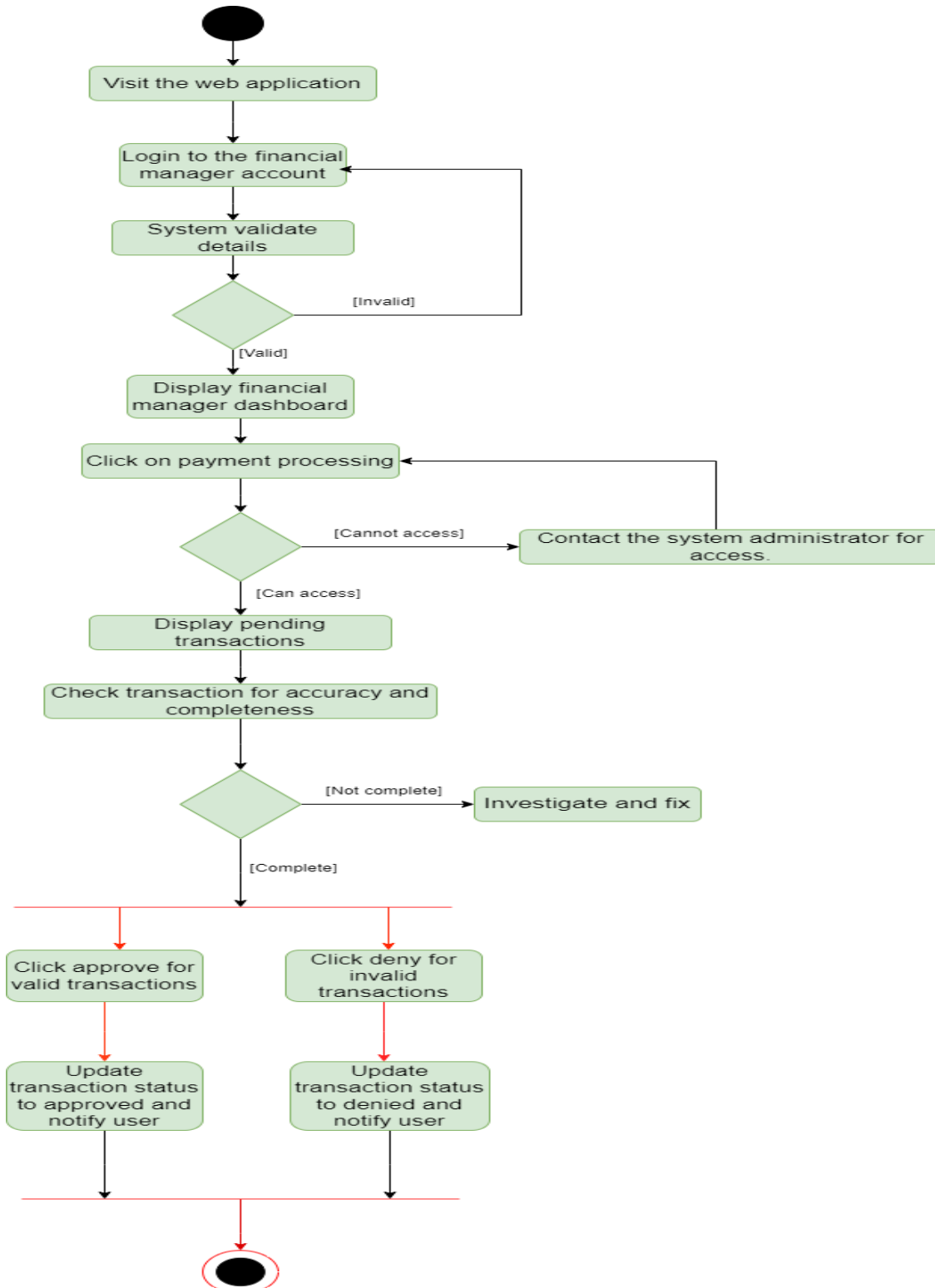
Student Name	Student Registration Number	Date	Signature
D.D. Haputhanthri	IT23166110	25/04/2024	

Part 1

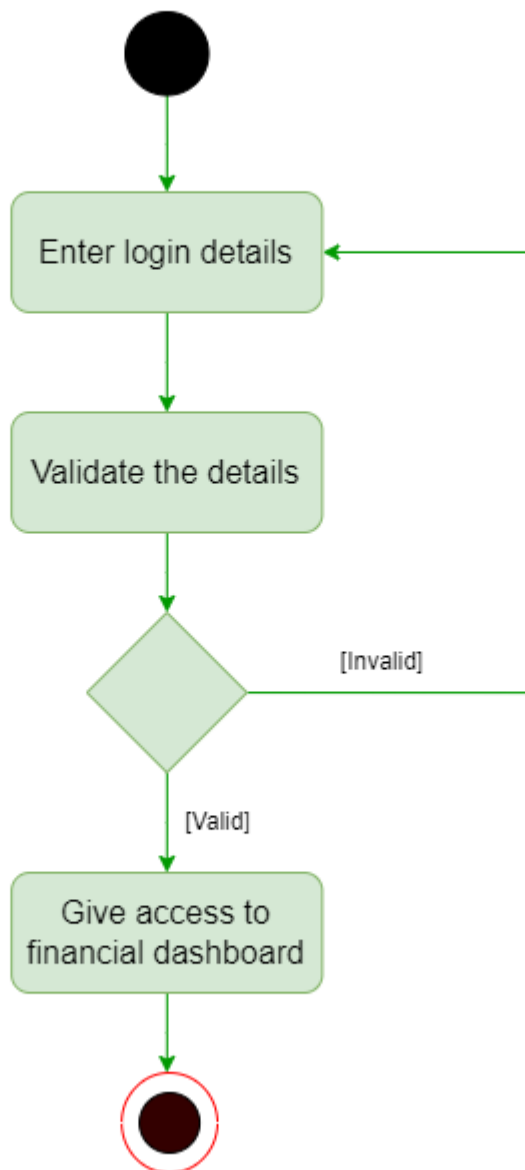
Use case scenario – Payment processing

IT Number	IT23166110	
Use Case Name	Payment Processing	
Summary	The financial manager processes payments and updates payment status.	
Priority	01	
Pre-condition (S)	The financial manager must have access to the system and financial manager dashboard.	
Post-condition (S)	payment status is updated.	
Primary actor (S)	Financial Manager	
Trigger	Receipt of a payment request or scheduled payment type.	
Main scenario	Step	Action
	1.	Visit the web application.
	2.	Log in with financial manager credentials.
	3.	Click on payment processing on the dashboard.
	4.	The system displays a list of pending payment transactions.
	5.	The financial manager checks each transaction for accuracy and completeness.
	6.	Click on approve for transactions that meet all criteria.
	7.	The system updates the transaction status to approved and notifies the registered user.
	8.	Click on deny for transactions that are incomplete or invalid.
	9.	The system updates the transaction status to denied and notifies the registered user.
Extensions	Step	Branching Action
	2(a).	Double-check the username and password.
	2(b).	Determine the username and password's validity status.
	3(a).	Contact the system administrator for access.
	5(a).	Investigate and fix any inaccuracies.
	6(a).	Review the criteria and check them against the transaction information.

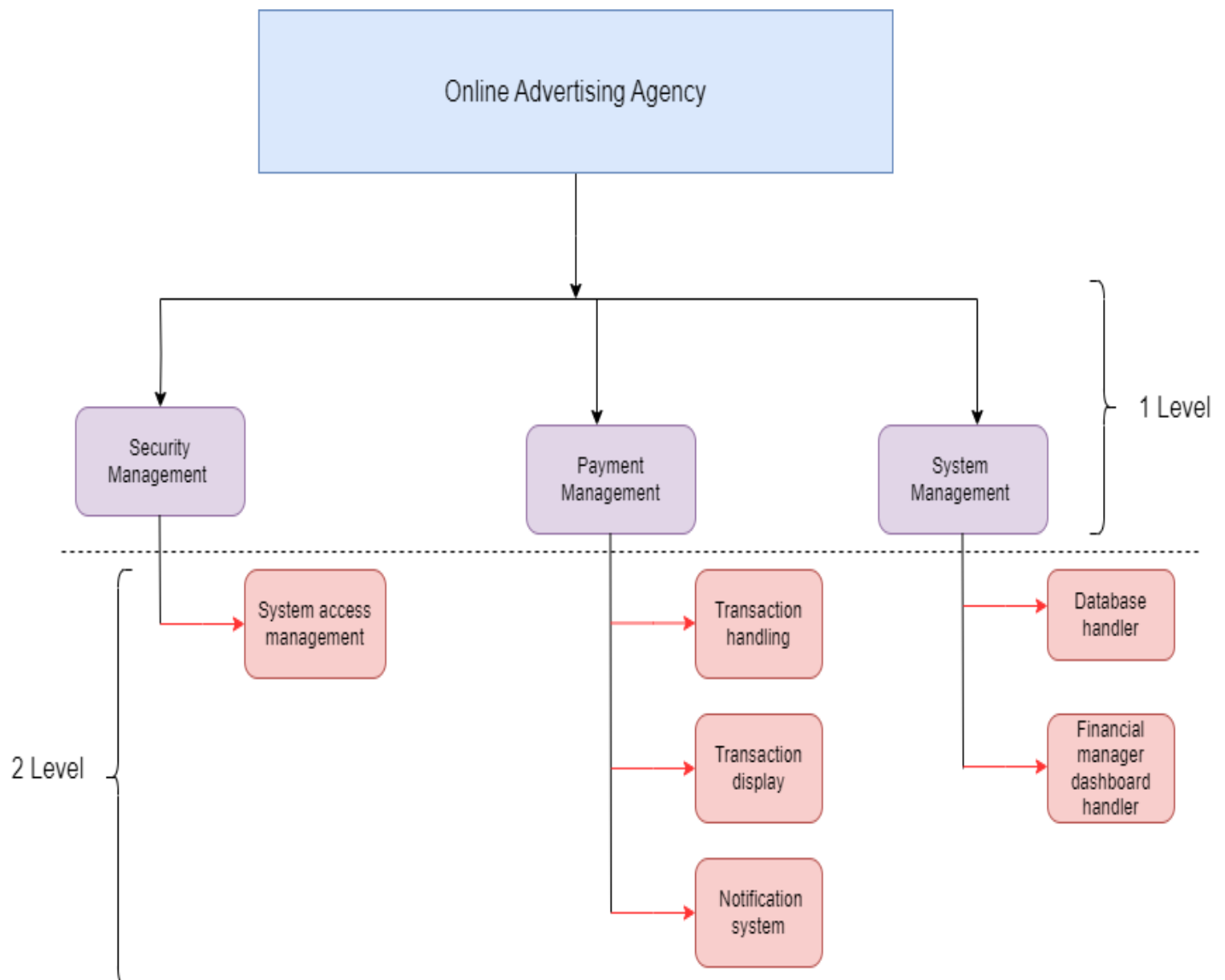
Part 1 – activity diagram

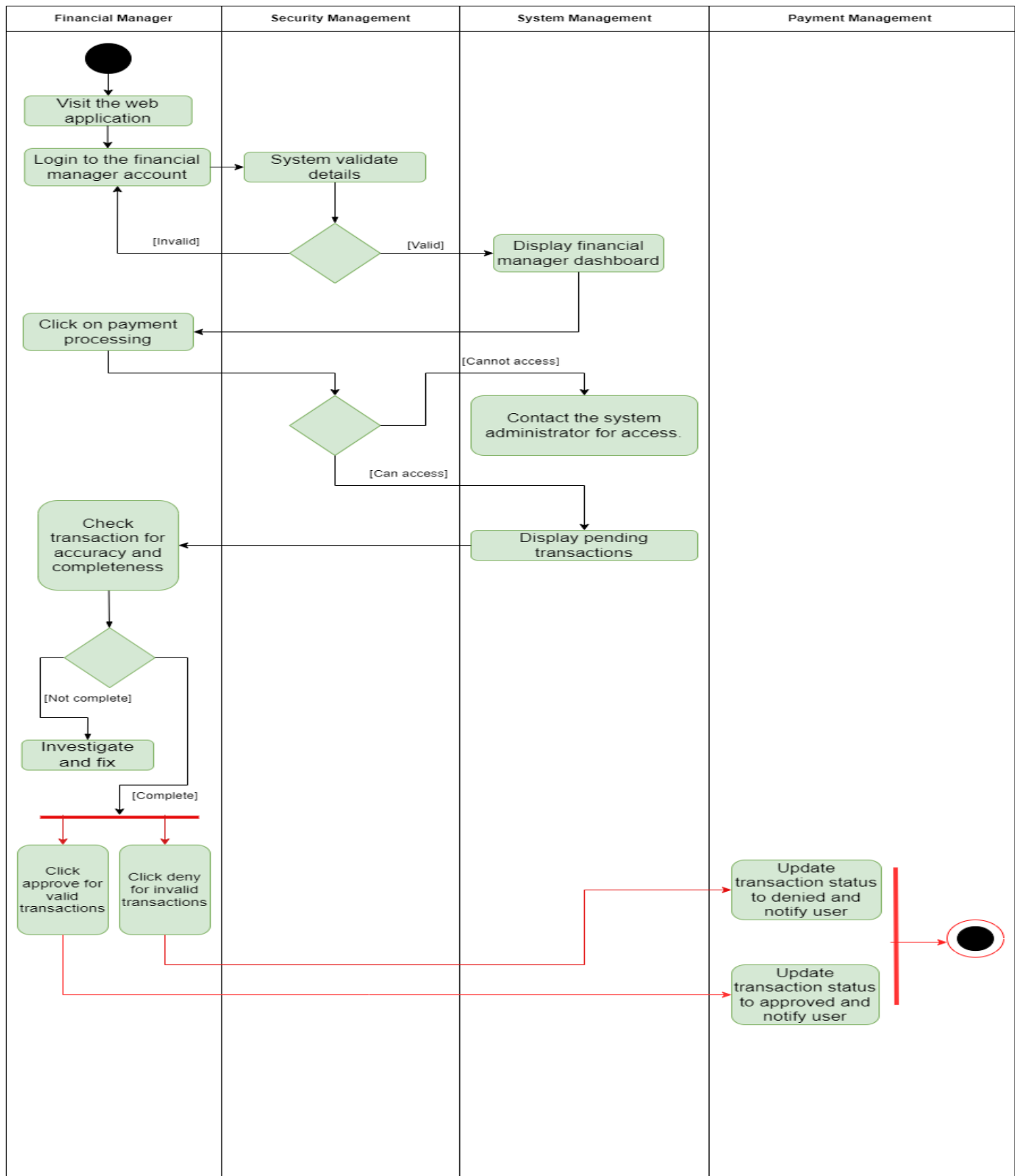


Login



Part-2





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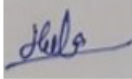
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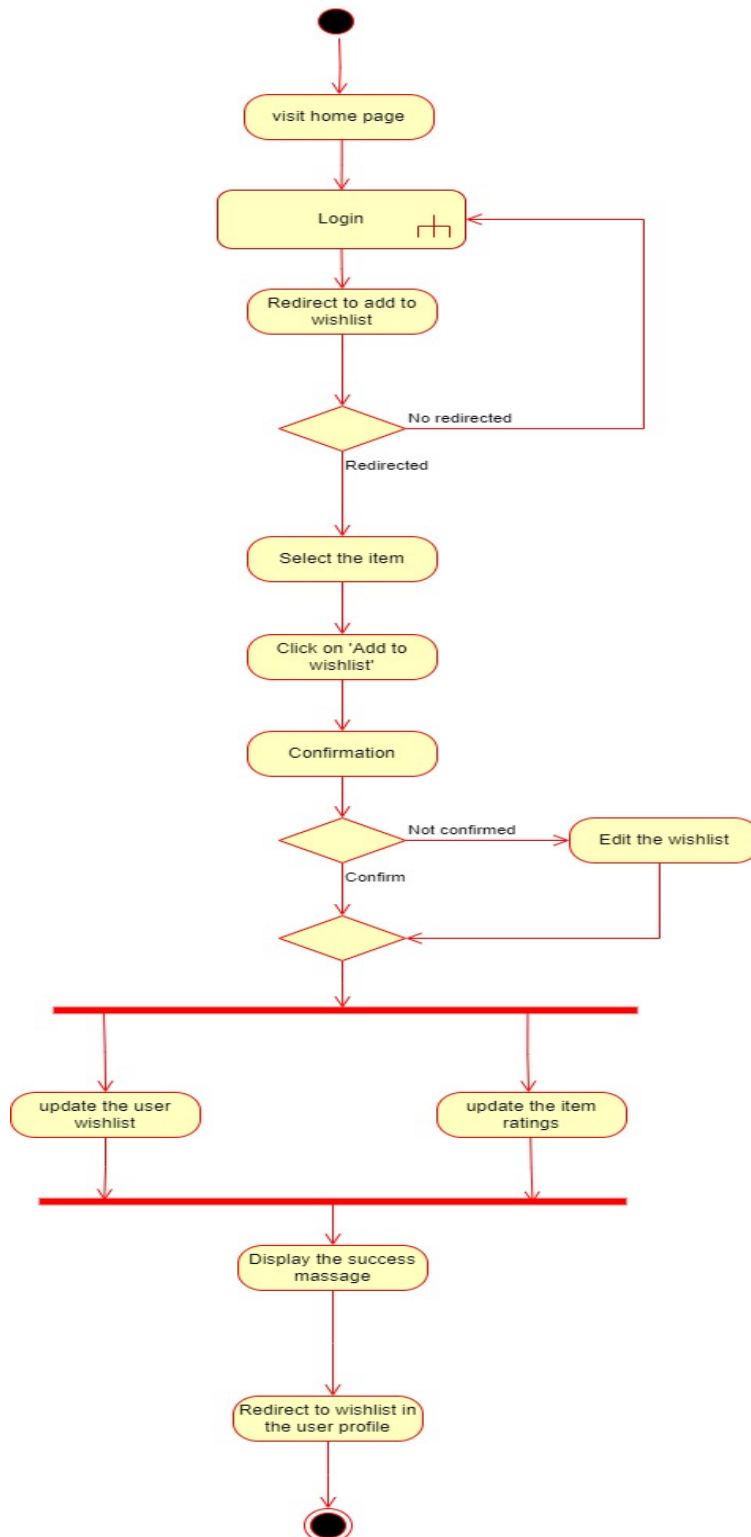
Student Name	Student Registration Number	Date	Signature
U.P.H.S ABEYWICKRAMA	IT23160866	26/04/2024	

Part 1

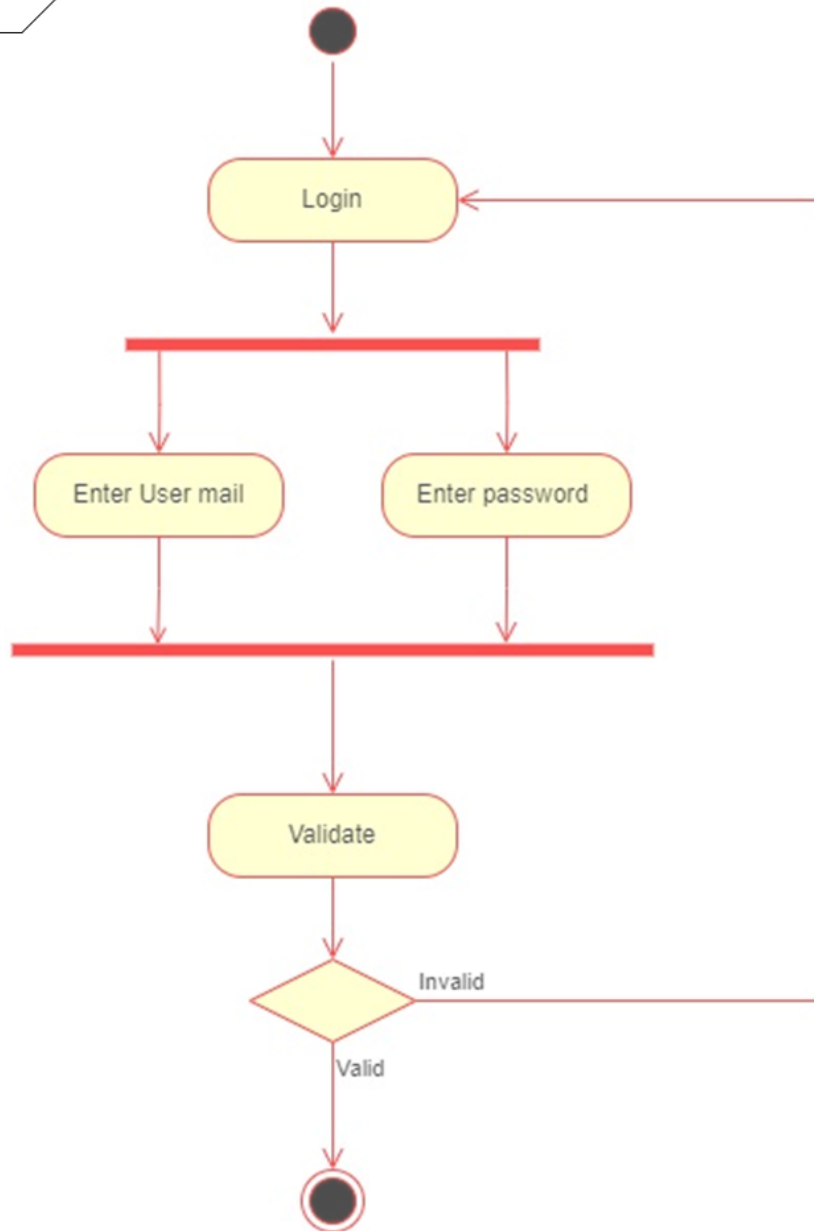
Use case scenario – Add to Wishlist

Number	02	
Student Id	IT23160866	
Name	Add to Wishlist	
Summary	The Wishlist feature lets users save desired ads on the platform. They can add, manage, and view items for future reference.	
Priority	02	
Pre-condition (S)	The user must be logged into the web application.	
Post-condition (S)	The user can view the added advertisements in their Wishlist for future reference.	
Primary actor (S)	Registered User	
Trigger	The trigger for the "Add to Wishlist" feature occurs when the user selects the option to add an ad to their Wishlist by clicking a designated icon.	
Main scenario	Step	Action
	1.	Visit the home page of the web application.
	2.	Log in to the user account.
	3.	The user navigates to an ad they wish to add to their Wishlist.
	4.	The user clicks on the “Add to Wishlist” icon associated with the advertisement.
	5.	The system updates the user's Wishlist by adding the selected ad.
	6.	The system provides feedback confirming that the advertisement has been successfully added to the user's Wishlist.
	7.	Checking the Wishlist in the user profile.
Extensions	Step	Branching Action
	2(a).	If credentials are invalid, the system asks to re-enter details.
	7(a).	If the user does not need the advertisement anymore, the user decides to remove the ad.
	7(b).	While viewing their Wishlist, the user decides to sort or filter the items based on specific criteria (e.g., price, category, date added).
Open Issues	The main open issue is Wishlist organization and management, which involves improving the user experience and handling capacity limits.	

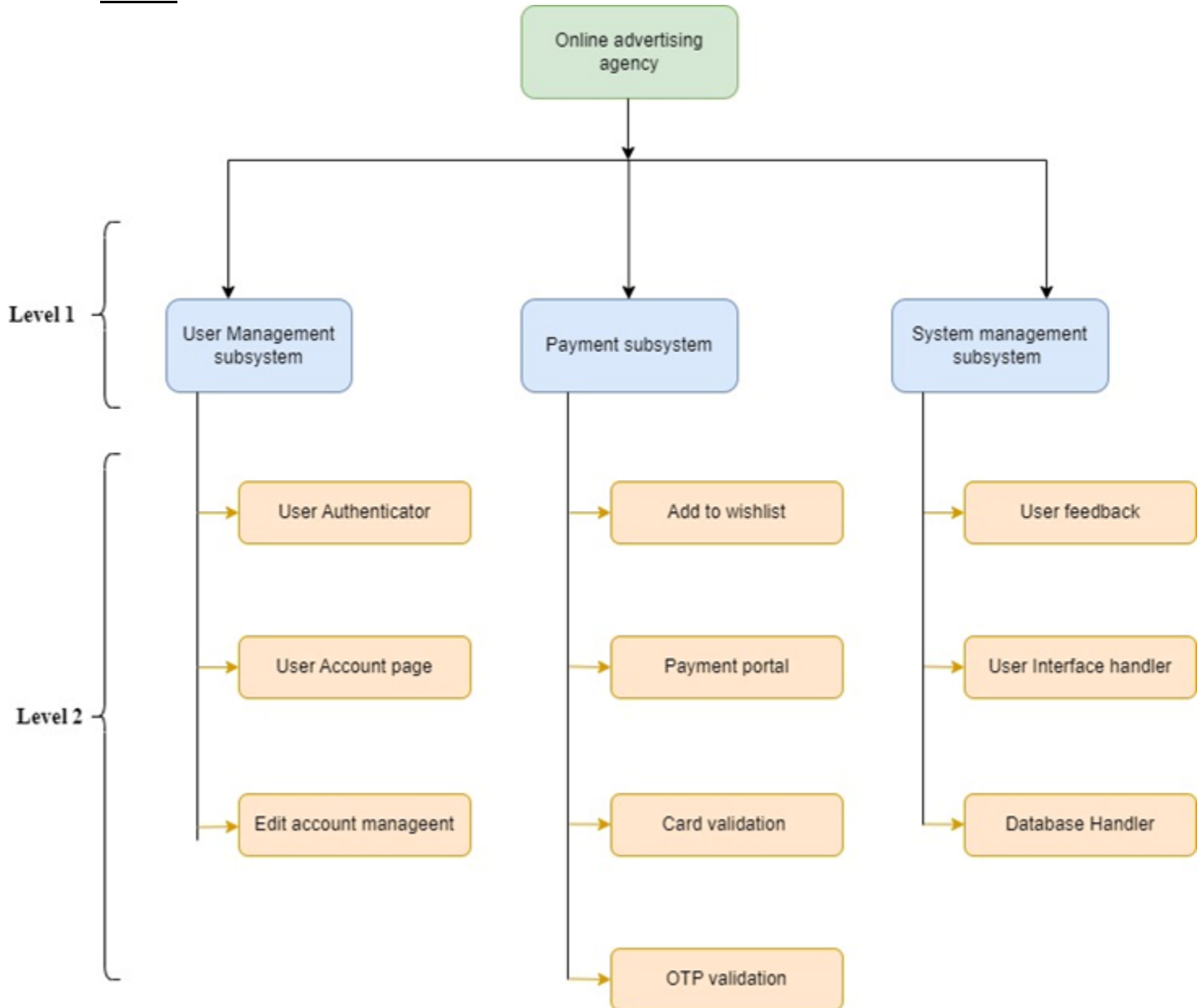
Part 1 – Activity diagram

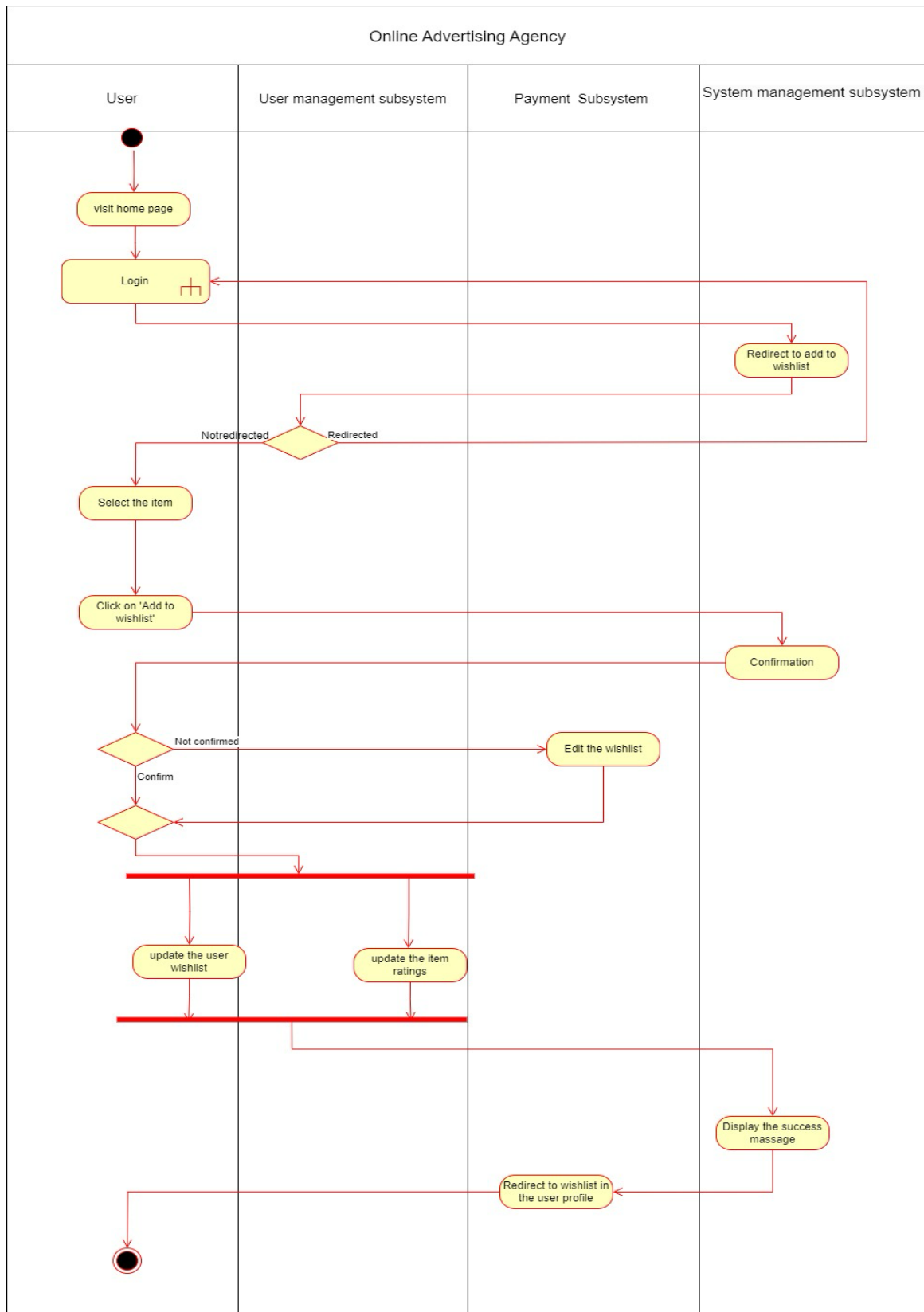


Login



Part-2





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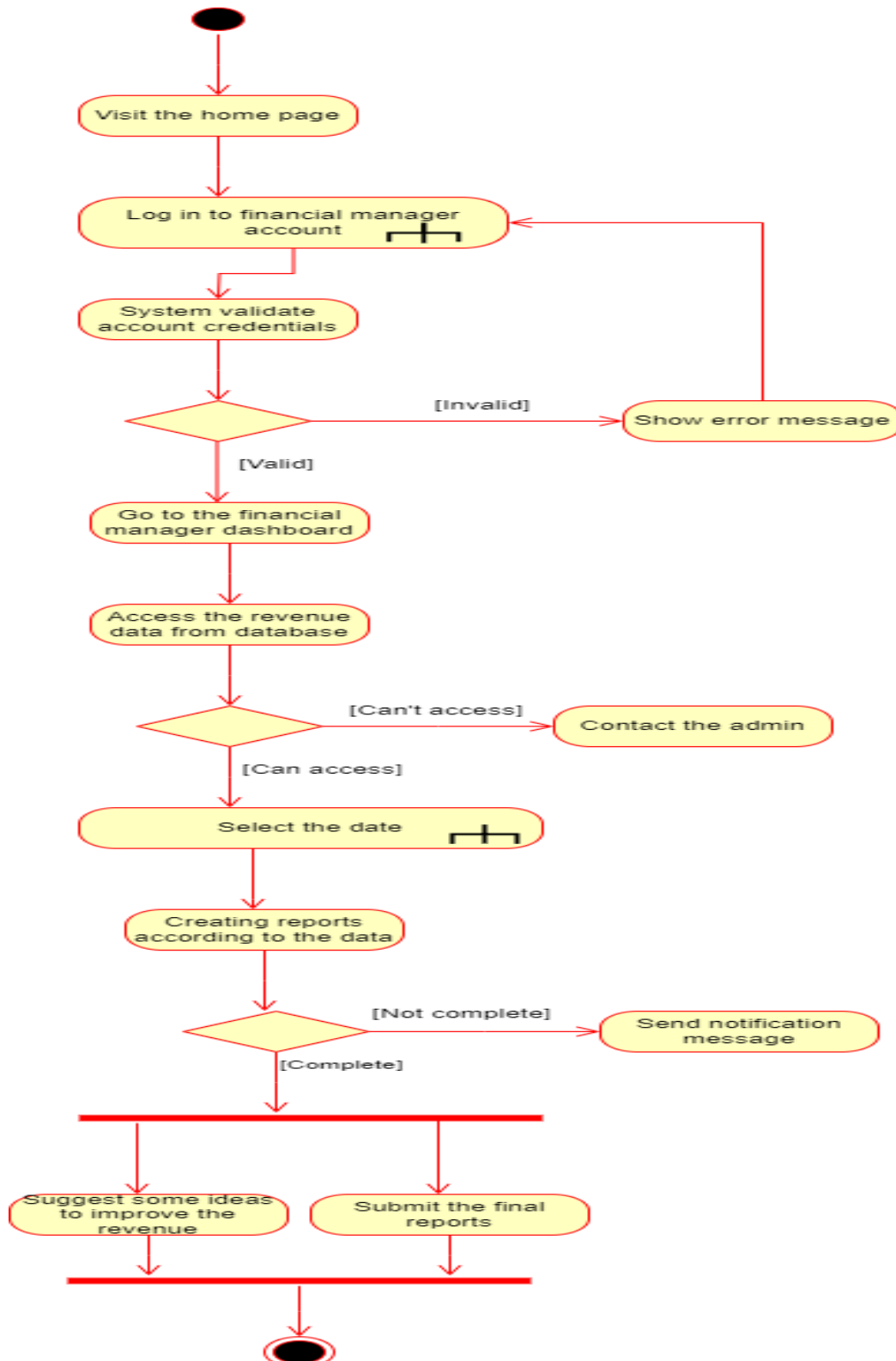
Student Name	Student Registration Number	Date	Signature
R.M.H.I. Rathnayake	IT23156074	27/04/2024	

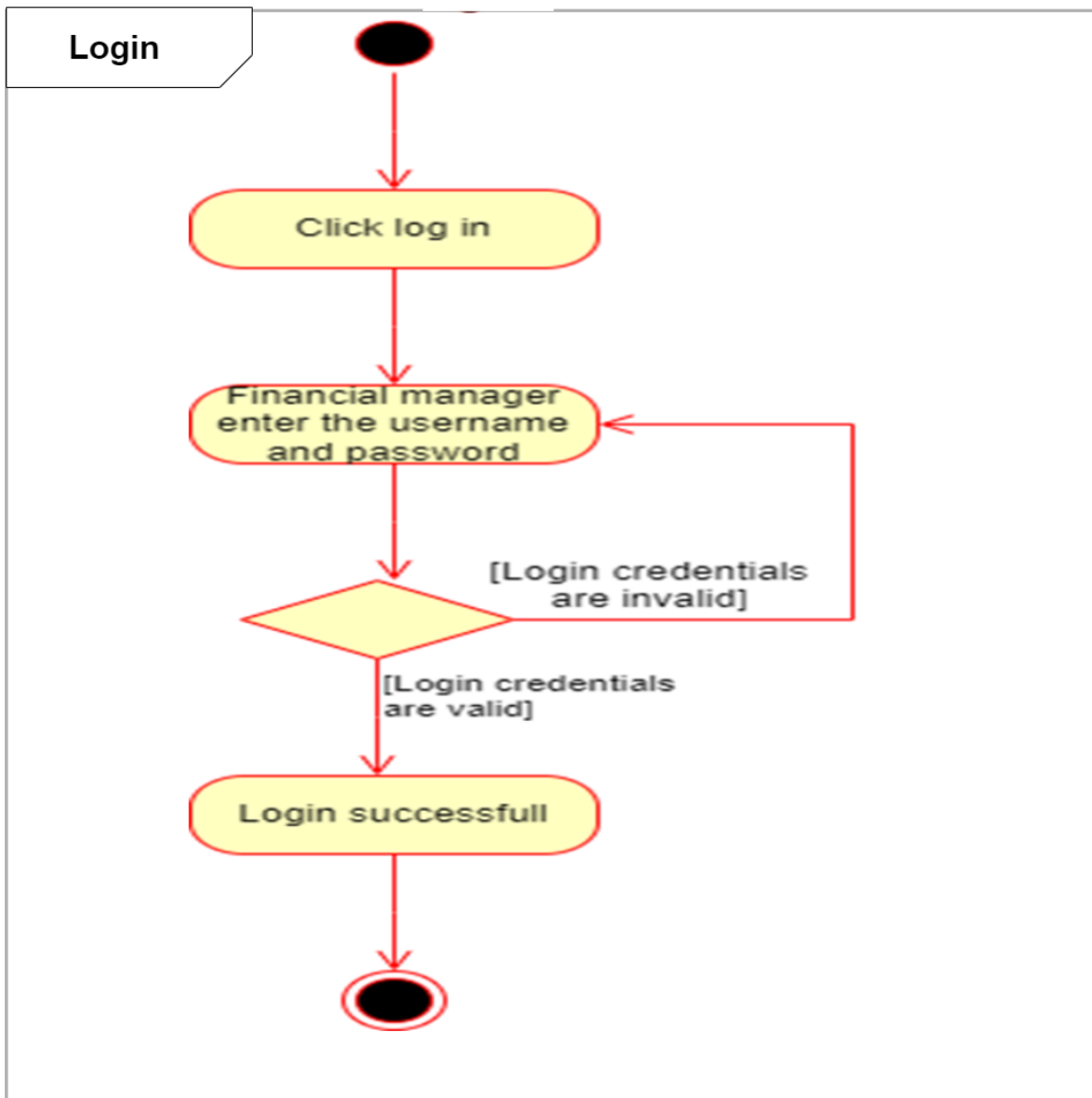
Part 1

Use case scenario – Revenue data

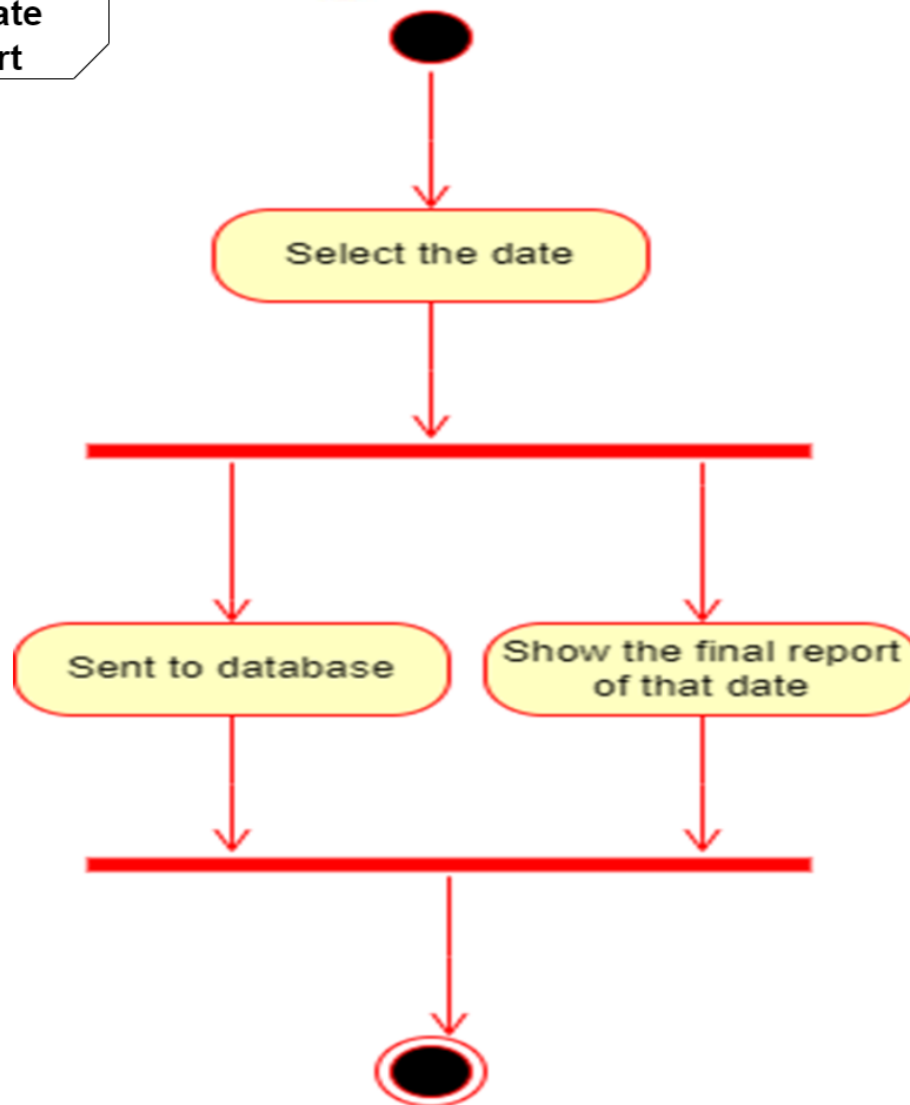
Student ID	IT23156074	
Name	Revenue data	
Summary	The financial manager is responsible for analyzing revenue data to make informed financial decisions for the organization.	
Priority	01	
Pre-condition (S)	The financial manager must have access to the system database. The financial manager has the necessary tools and software to analyze the data.	
Post-condition (S)	The financial manager has made a successful revenue data report.	
Primary actor (S)	Financial manager	
Trigger	New revenue data can be received.	
Main scenario	Step	Action
	1.	Visit the home page of the web application.
	2.	Log in to the system using their own credentials.
	3.	The financial manager can go to the dashboard.
	4.	The financial manager accesses the revenue data from the system database.
	5.	The financial manager has the option to get data up to any date using the database.
	6.	The financial manager can create a report according to that data.
	7.	Based on that, the financial manager can recommend improving the revenue.
Extensions	Step	Branching Action
	1(a).	If the entered credentials are wrong, the system asks to re-enter the username and password.
	4(a).	If the financial manager can't access the database, the manager can contact the admin who has direct access to the database.

Part 1 – Activity diagram

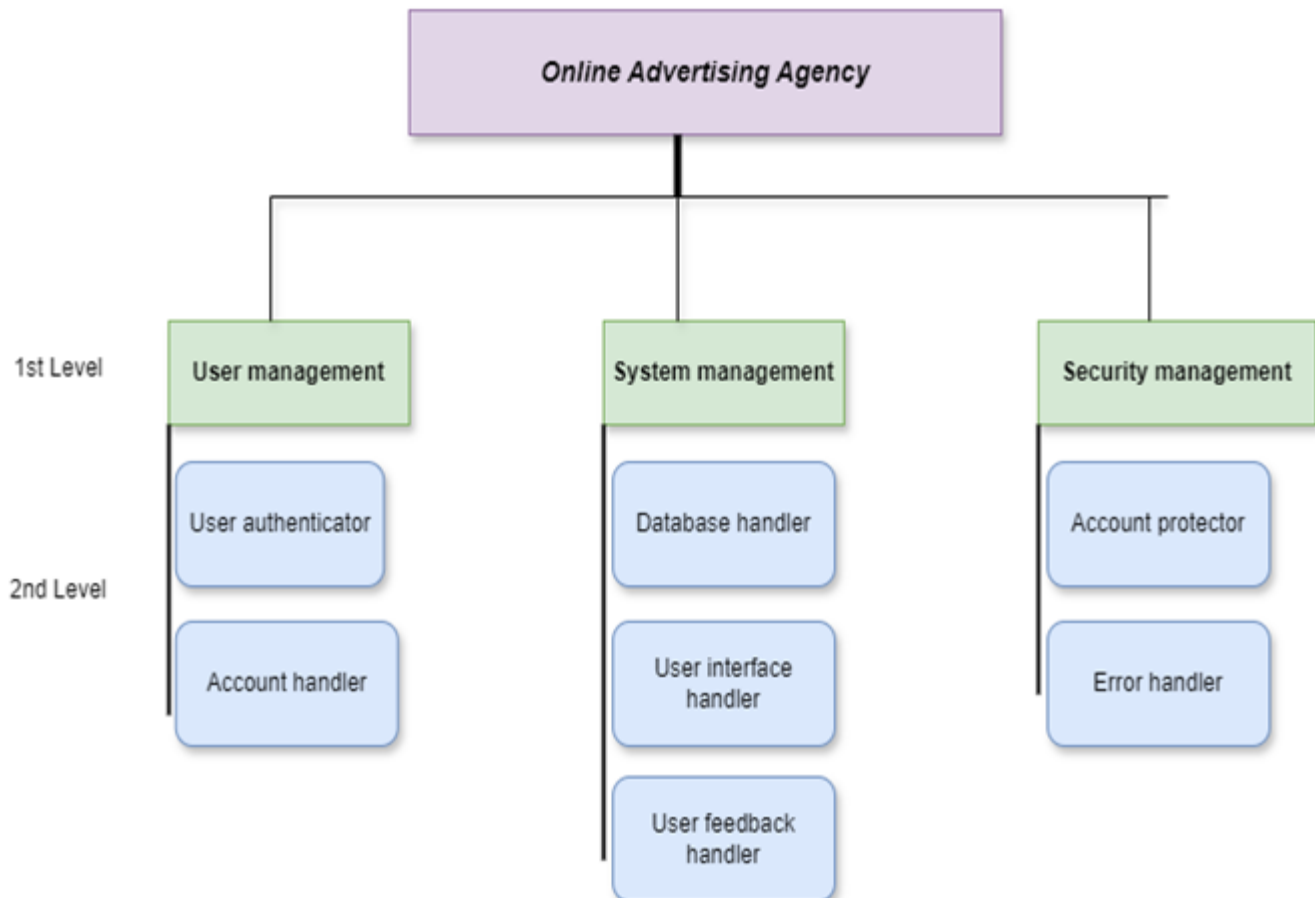


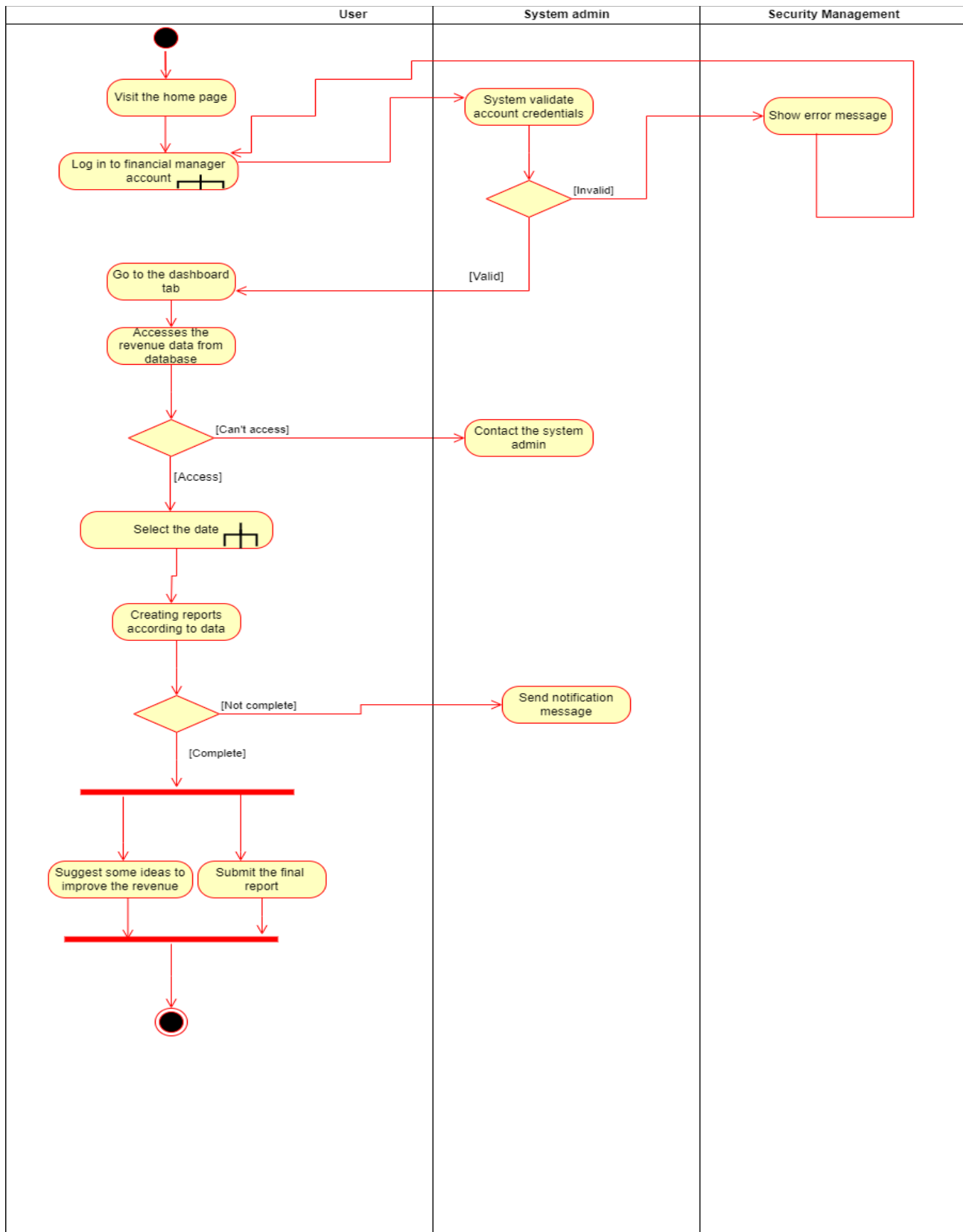


**Generate
Report**



Part-2





Assignment 2 Certify Sheet

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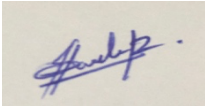
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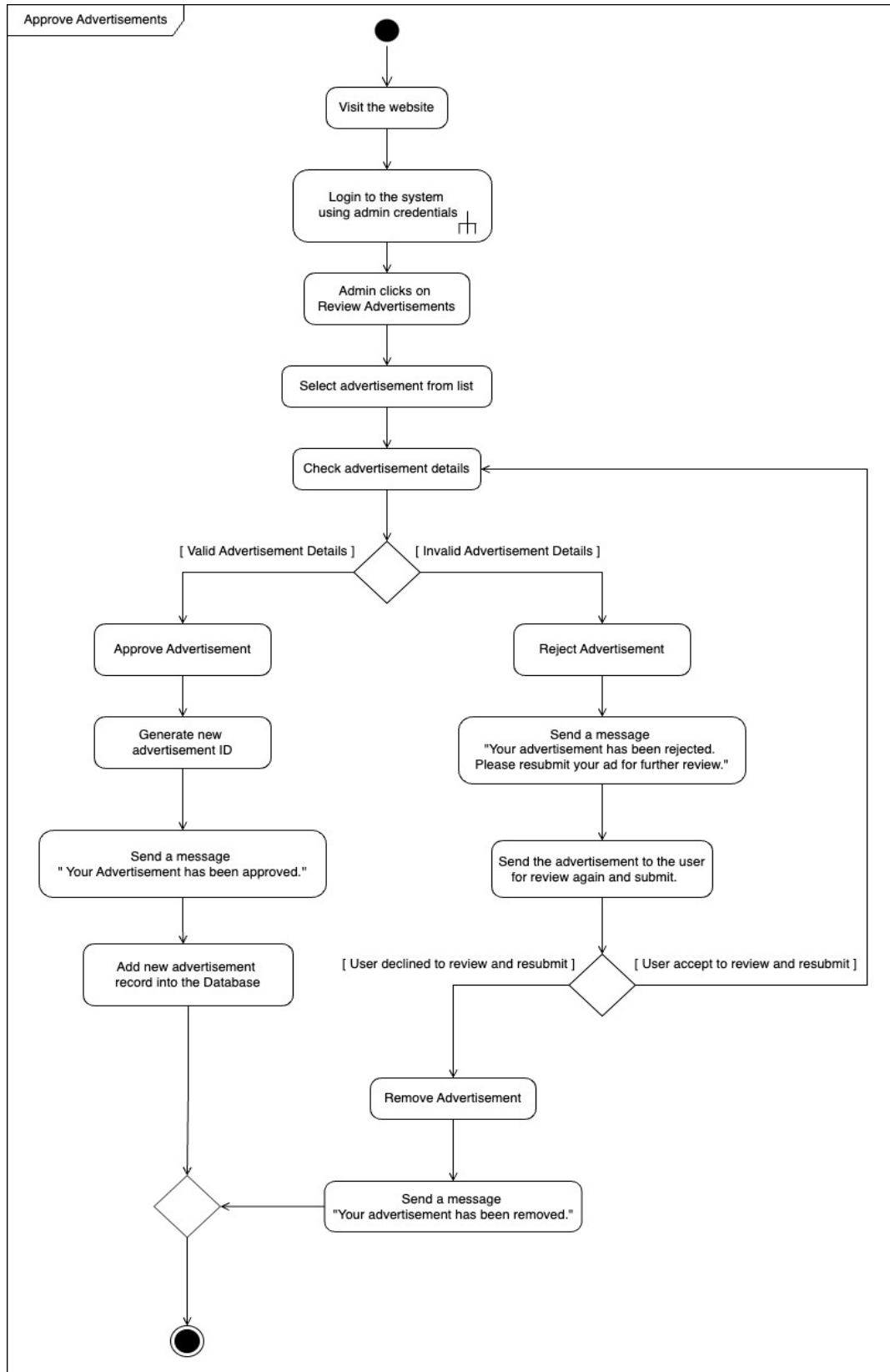
Student Name	Student Registration Number	Date	Signature
M.H.S. PERERA	IT23163218	28/04/2024	

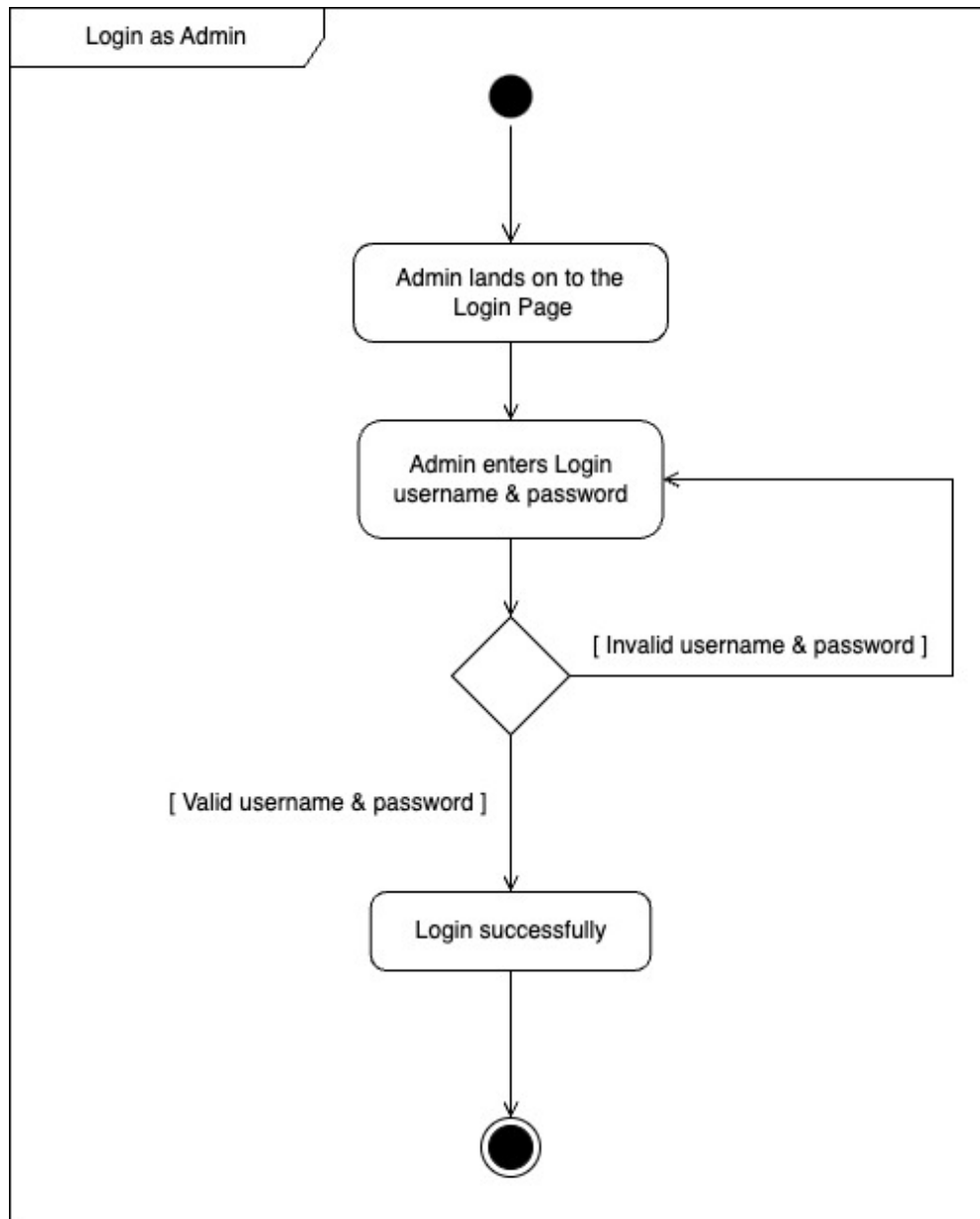
Part 1

1)

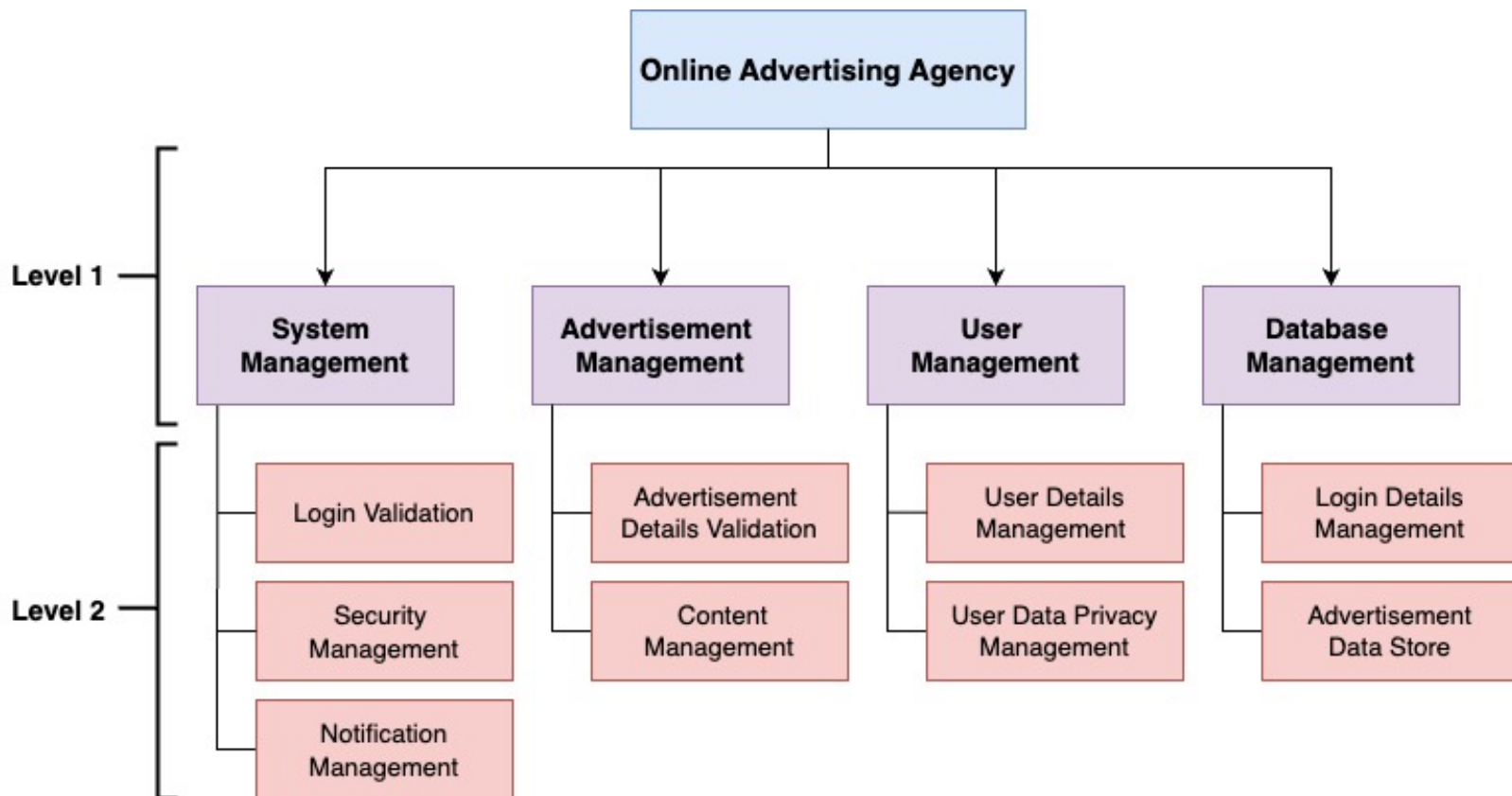
IT Number	IT23163218	
Use Case Name	Approve advertisement.	
Summary	This scenario describes about, how to review and approve the advertisement	
Priority	1	
Pre-Condition(S)	The admin must have access to the system and admin dashboard.	
Post-Condition(S)	The admin can review and approve ads.	
Primary Actor(S)	Admin	
Trigger	The admin reviews advertisements for compliance quality, and adherence to Platform guidelines.	
Main Scenario	Steps	Action
	01	Visit the website.
	02	Log in to the system using admin credentials.
	03	Admin clicks on Review Advertisements.
	04	Select the advertisement from the advertisements list.
	05	Check the advertisement details according to the guidelines.
	06	Approve the Advertisement.
	07	Generate new Advertisement ID.
	08	Send a message “Your Advertisement has been approved.”
	09	Add new advertisement record to the Database.
Extension	Steps	Branching actions
	02.a	System will display an error if incorrect admin credentials were entered.
	05.a	If the user enters invalid details reject the advertisement.
	05.b	Send a message “Your Advertisement has been rejected. Please resubmit your ad for further review”
	05.c	Send the advertisement to the user for review again and submit.
	05.d	If the user accepts to review and resubmit, again go to step 5.
	05.e	If the user declines to review and resubmit, the admin removes the advertisement.

2)





Part 2
1)



2)

