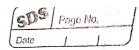
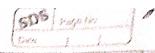
	Dale L
And the second second	Software Engineering Date
	Name & Triksha A. Pall
	Sapid & 60004210126
	Branch - Computer Engineer
	Batch > C2-1.
	Experiment no 3
	A A A A A A A A A A A A A A A A A A A
	Ain & Identify scenarios of develop UML Use case and class Diagram
	for the project.
1	Theory & Use Case Diagram 5
	Actors of the system:
	· resers :- the primary actor who interacts with the mobile
	application to avail of its financial dervices of functionalities
	Bank & A financial institution that facilitates UPI prayments account
	management, and potentially loan application-
	1. Utility Provider & An entity providing utility dervices like electricity
	- Mobile service Bronider: An entity promiding mobile network
	connetivity and recharge derwices.  Loan Service Provider & An institution that provides loan product
	to uses.
ý	
	- Ticket Sexuice Provider - A sexuice Provider that facilitates booking
	morrie or event tickets through the mobile application.
	Insurance company & A company offering insurance products
	that could potentially be promised or applied for through the
lo Ward	
No.	· Easypay Admin · An administrative persona managing the
	Faypay System.
	O wer sunaxios:
- To	w surrance of
	P.T. 0

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AND RESIDENCE OF THE PARTY OF THE	Date	production of
and the second section of the second	· Mu.	A. A
	express to narious financial services if offered by the	
	Jeansarties 1+1	7
	Being informed about unexpected changes+	_tı
	The wer would likely want to be informed about	
	changes like failed transactions or critical	1 1
	up all.	
	CLASS DIAGRAM >	<u>—</u>
1	- External entity:	
	· User - This is the Primary external entity intexacting with the system to	
	entitale and manage UPI Payments.	
-320	- Things (information domain) &	-
- 1 8 K.S.	Payment request : It includes details about a specific payment	
de Contro	xequest, such as payer information, amount of bill details.	
on y	Payment Response & It represents the system's xesponse to a payment	1
	request, indicating seccess, failure and potentially a reason for	
	feilux.	
	Diamences (events);	
F	· Initiate Payment. This event signifies the user's action to initiate a UP:	<u></u>
220	- Attributes of classes >	
	" User & " Luer Name	
	· user In	
	userBalance	. 44.
	· Wer Pin	1.54
	· Easfay Admin - · admin ID	-
	admin Name	
	- operations that manipulate the attributes.	
	· User & initiate Payments ()	
	· vieu Balances ()	
	loginout ()	_



- · brouse And Apply for loons ()
- · book Tickets ()
- · access Insuranutians ()
- Easy Pay Admin & manage Wet Accounts ()
  - · monitor System Performan ()
    - · analyze the pata ()
    - handle Partnerships ()

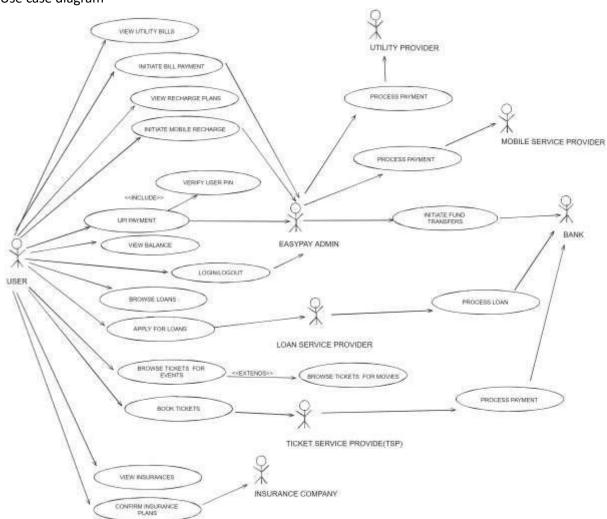
Conclusion:
Analyzing both the rue case of class diagrams, we can
conclude that the caughay system faulale various firaread
fransaction of securics through a mobile application. When
can intered with the system to branage their occurre, view
bells, make prayment and potentially assess additional functionalities
leter applying for loans booking tickets or explaining insurance
Plands. The class diagram procedure of glings into the
potential system structure, with starte representing where;

and interaction with external entities like banks,
whility providers, and interaction with external entities like banks,
whility providers, and structure franchers. This centions
analysis provides a comprehensive understanding of the
actors involved, their indexactions with the system, of the
postential underlying class structure for managing this

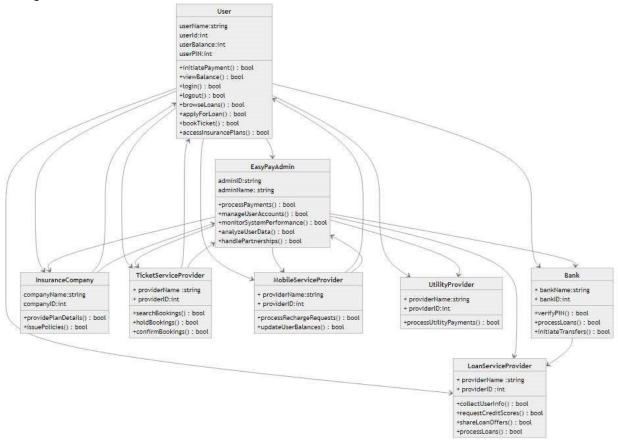
Name: Preksha Patel SAPID: 60004210126 Div/Batch: C21

## SOFTWARE ENGINEERING EXPERIMENT NO. :- 03

## Use case diagram



## Class diagram



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