6. What is Use case Diagram? Create a use-case on bill payment on paytm.

A Use Case Diagram is a visual representation of the interactions between users (actors) and a system to achieve specific goals or tasks. It illustrates the functionalities of a system from the perspective of its users. Here's a Use Case Diagram for bill payment on Paytm:

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| Paytm |

+----------+----------+

|

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| |

+------+-------+ +---------+---------+

| User | | Admin |

| (Actor) | | (Actor) |

+------+-------+ +---------+---------+

| |

+-------+---------+ +-------+--------+

| Make | | Manage Bills |

| Payment | | and Invoices |

+----------------+ +-----------------+

```

In this Use Case Diagram:

- \*\*Actors:\*\*

- \*\*User:\*\* Represents the person using the Paytm platform to make bill payments.

- \*\*Admin:\*\* Represents the administrator or support personnel who manages bills and invoices on the Paytm platform.

- \*\*Use Cases:\*\*

- \*\*Make Payment:\*\* This use case represents the user's action of making a payment using the Paytm platform.

- \*\*Manage Bills and Invoices:\*\* This use case represents the admin's action of managing bills and invoices on the Paytm platform, which may include tasks like generating invoices, tracking payments, and resolving billing issues.

- \*\*Relationships:\*\*

- The "User" actor interacts with the "Make Payment" use case to fulfill their goal of paying bills through Paytm..

- The "Admin" actor interacts with the "Manage Bills and Invoices" use case to fulfill their administrative responsibilities related to billing and invoicing.

This Use Case Diagram provides a high-level overview of the interactions between users and the Paytm system for bill payment purposes.