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Task Name: Sequence Diagram for Atm

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Sequence Diagram for Atm

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# What is a sequence diagram in UML?

To understand what a sequence diagram is, it's important to know the role of the [Unified Modeling Language](https://www.lucidchart.com/pages/what-is-UML-unified-modeling-language), better known as UML. UML is a modeling toolkit that guides the creation and notation of many types of diagrams, including behavior diagrams, interaction diagrams, and structure diagrams.

A sequence diagram is a type of interaction diagram because it describes how—and in what order—a group of objects works together. These diagrams are used by software developers and business professionals to understand requirements for a new system or to document an existing process. Sequence diagrams are sometimes known as event diagrams or event scenarios.  
  
Note that there are two types of sequence diagrams: UML diagrams and code-based diagrams. The latter is sourced from programming code and will not be covered in this guide. Lucidchart’s [UML diagramming software](https://www.lucidchart.com/pages/examples/uml_diagram_tool) is equipped with all the shapes and features you will need to model both.

## Benefits of sequence diagrams

Sequence diagrams can be useful references for businesses and other organizations. Try drawing a sequence diagram to:

* Represent the details of a UML use case.
* Model the logic of a sophisticated procedure, function, or operation.
* See how objects and components interact with each other to complete a process.
* Plan and understand the detailed functionality of an existing or future scenario.

Task Name:Sequence Diagram for Atm

