

Account Name

Pin

Authentication

ATM

A0

Account Status

Deposit Cash
Withdraw Cash

```
graph LR; AN[Account Name] --> ATM[A0]; P[Pin] --> ATM; A[Authentication] --> ATM; D[Deposit Cash] --> ATM; W[Withdraw Cash] --> ATM; ATM --> AS[Account Status];
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The diagram is a UML Use Case diagram for an ATM system. It features a central use case labeled 'ATM' with the identifier 'A0' in its bottom right corner. Five external actors provide input to the ATM: 'Account Name' and 'Pin' from the left, 'Authentication' from the top, and 'Deposit Cash' and 'Withdraw Cash' from the bottom. Each input is represented by a thick black arrow pointing to the ATM boundary, with a small blue 'x' marking the connection point. A single thick black arrow points from the ATM to the 'Account Status' actor on the right, also marked with a blue 'x' at the connection point. The entire diagram is set against a light blue dashed grid background.