

Implementing CRUD Operations



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Overview



Introduction to CRUD

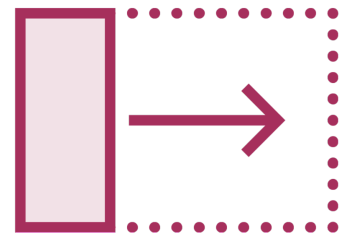
Scenario Setup

Demo

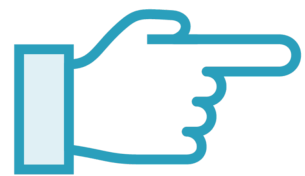
- C – Create Record
- R – Retrieve Record
- U – Update Record
- D – Delete Record



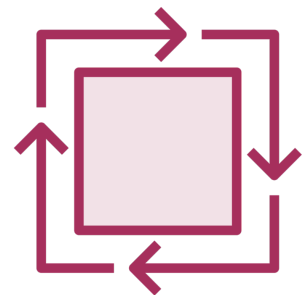
CRUD



C - CREATE - Creating Records - INSERT



R - RETRIEVE - Retrieving Records - SELECT

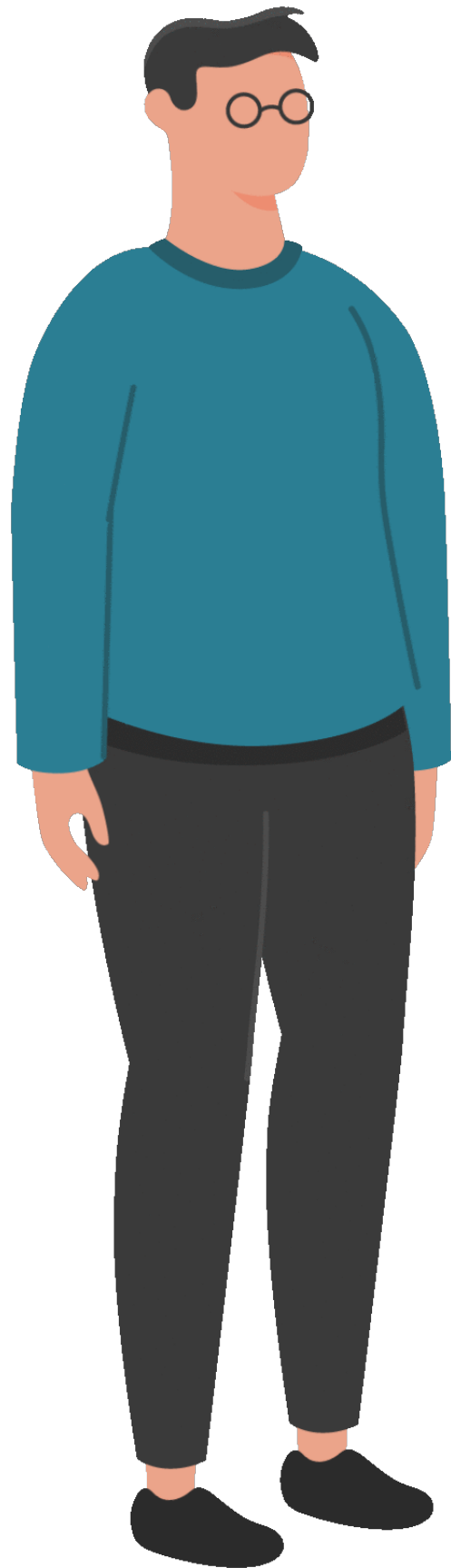


U - UPDATE - Updating Records - UPDATE



D - DELETE - Deleting Records - DELETE





This is Mark! He's a developer at a DVD store

- He needs to sync the actors in a database with new arrivals manually
- We will help him with his job





This is Jen! She is the manager of Mark



Demo

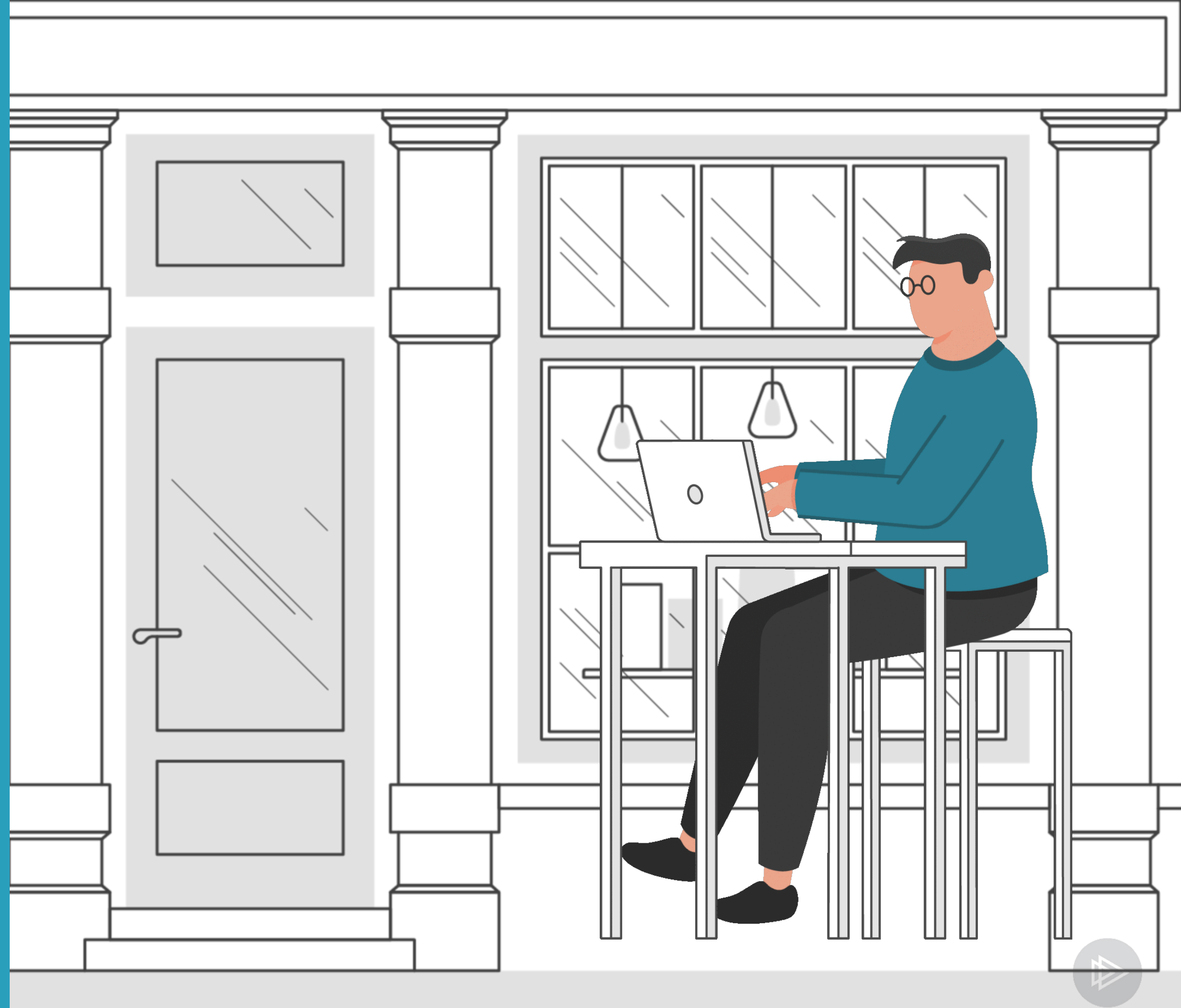


CRUD Operations

- Create Record



- DVD arrived featuring a new actor
- Mark to create a new record in the Actor table



Demo

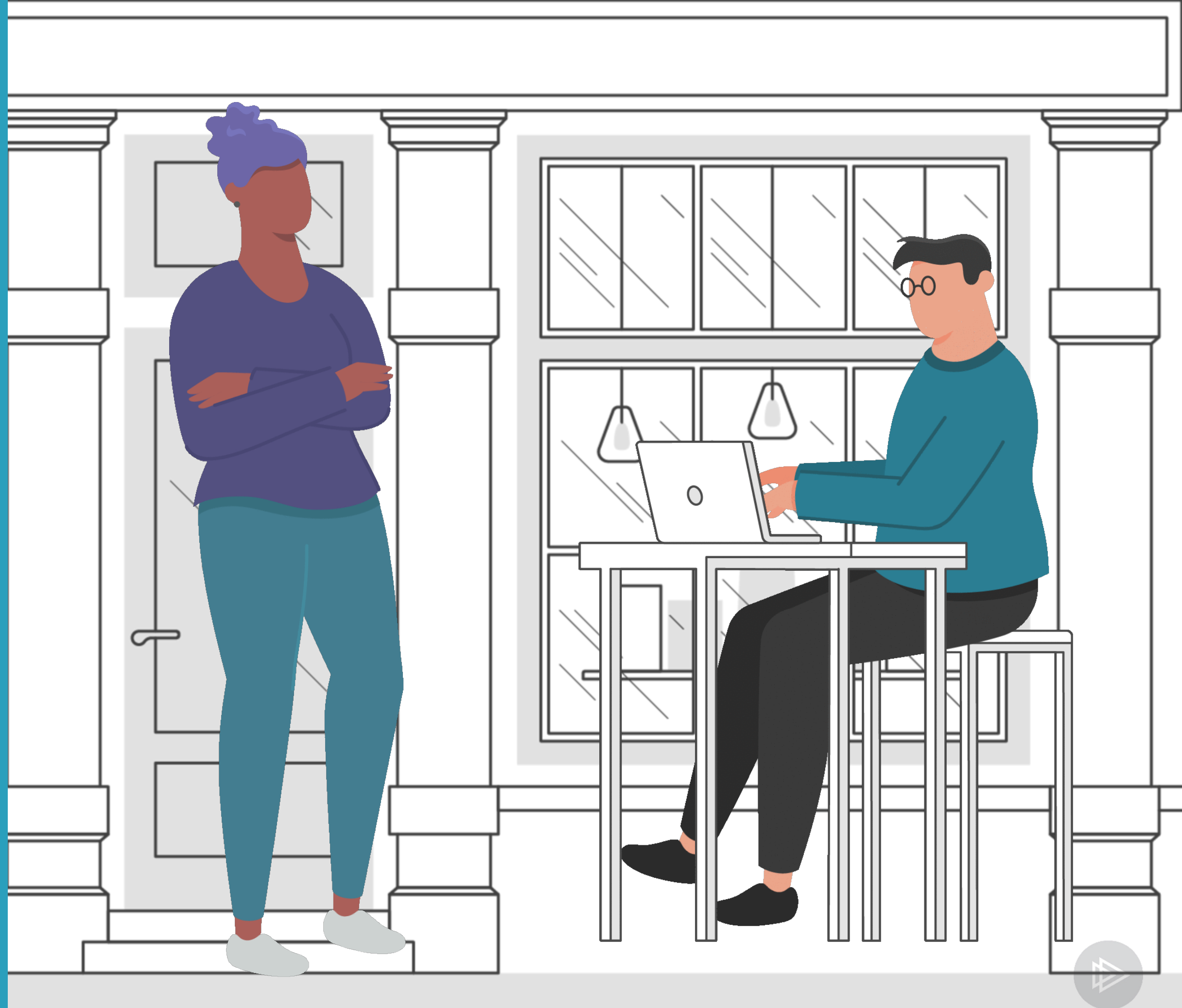


CRUD Operations

- Retrieve Record



- Jen wants to verify the name of the new actor
- Mark to retrieve recently inserted record



Demo

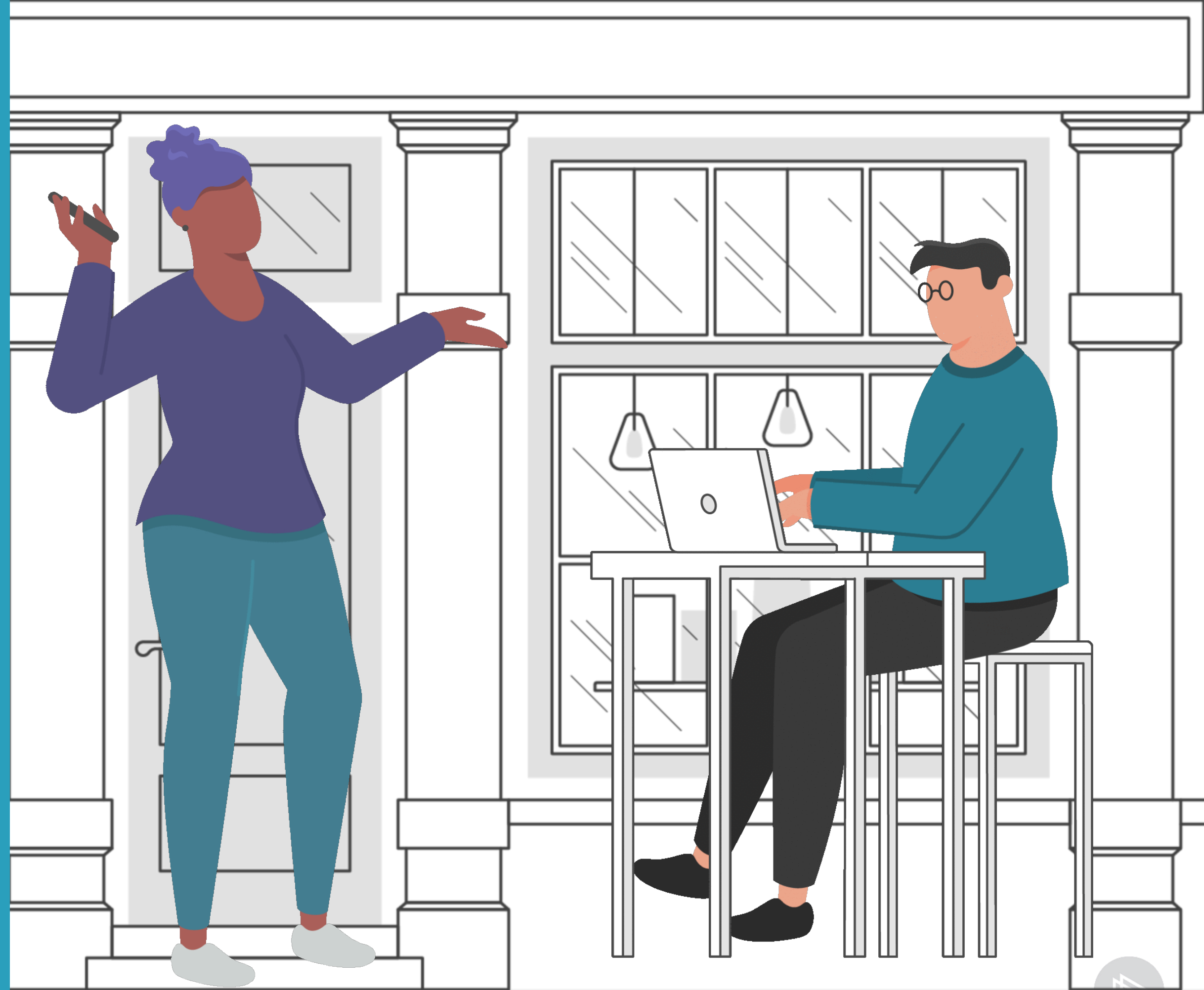


CRUD Operations

- Update Record



- Jen identifies a typo in the name of the actor
- Mark to update the name of the actor with correct details



Demo

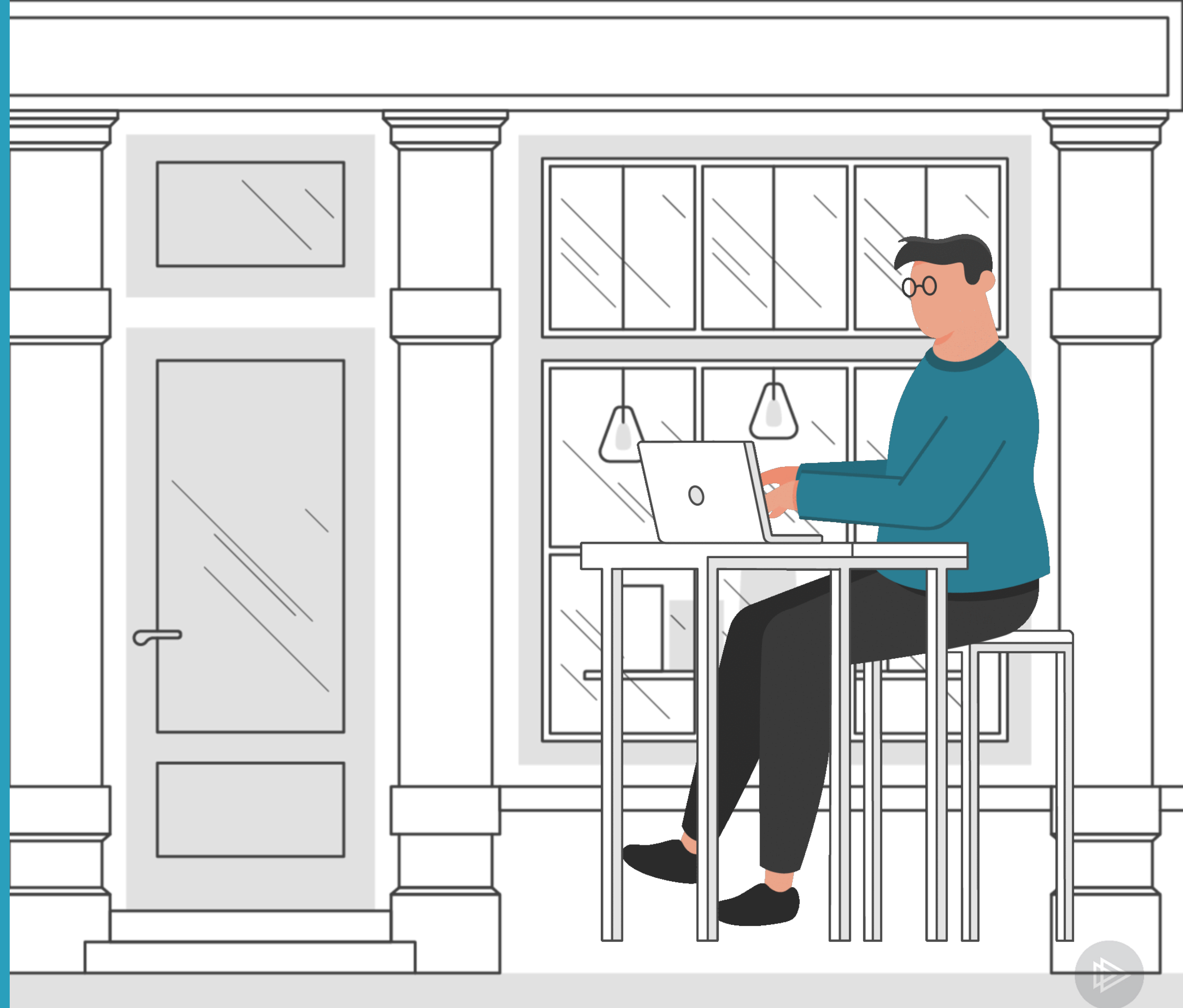


CRUD Operations

- Delete Record



- The DVD with new actor never made it to store
- Mark to delete the name of the actor





Thanks for helping me with my job!



Summary



CRUD

- C – Create Record - INSERT
- R – Retrieve Record - SELECT
- U – Update Record - UPDATE
- D – Delete Record - DELETE



Up Next:

Understanding RDBMS Transactions and
Procedures with Go Language

