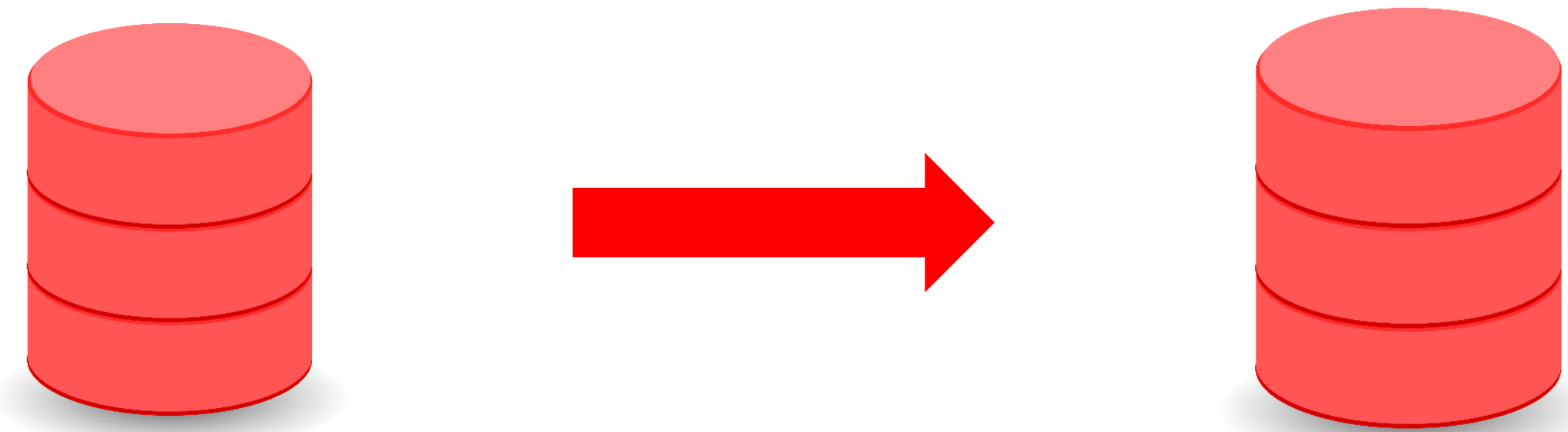


## Business Need

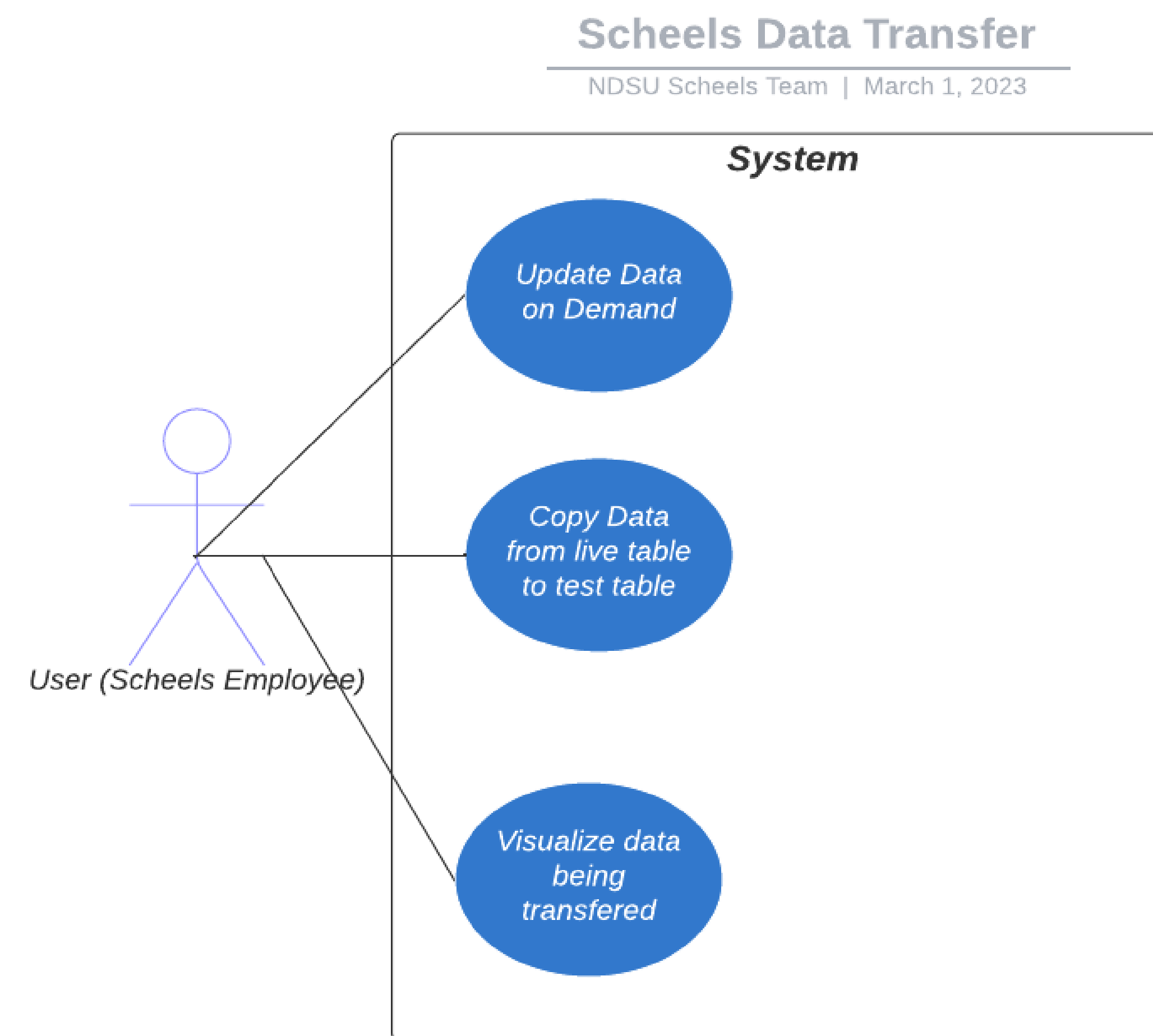
Scheels uses a test database to be able to test new and existing programs. Currently, Scheels does not have a safe and simple method to move their data from a production table to a test table. For our project, we are creating a simple user interface that allows users to populate a test table with any valid production table. This will prevent accidental data deletion and will remove the need for manual SQL injections when test data is needed.



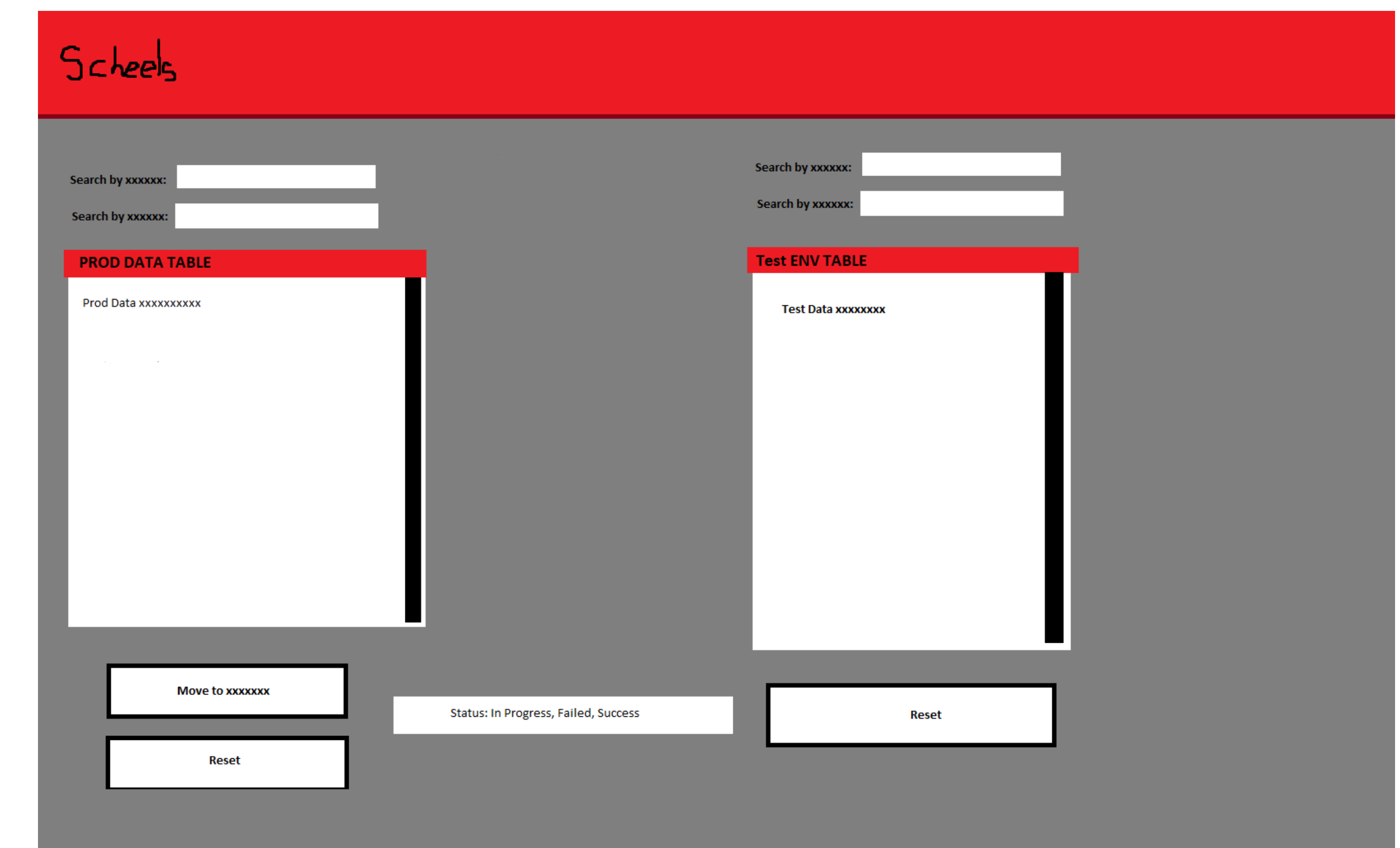
## Development Phase 1

Use Case Diagram | User Interface Mockup | API Created | Database Connection

### Use Case Diagram

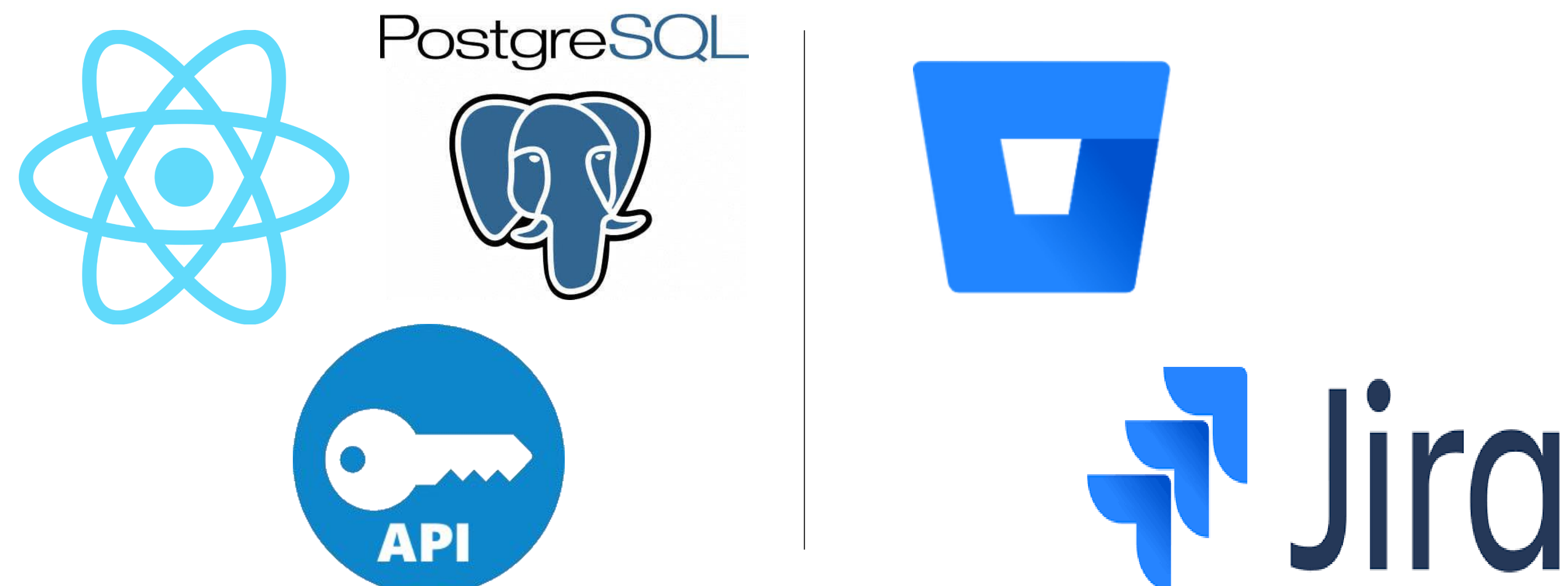


### User Interface Mockup



## Intended Solution

React js front end application that uses the created API from the backend. Bitbucket and Jira for managing our project.



## Development Phase 2

Table Verification | UI Completed | Error Handling | Final Client Review

### Database / API connection

Two screenshots of SQL query results. The left screenshot shows a query: `SELECT * FROM itmdataddl.skufile`. The right screenshot shows a query: `SELECT * FROM itmmtstddl.skufile`. Both queries return a table with columns for SKU#, character, and SKUDESC1.

SKU#	character (11)	SKUDESC1 character (30)
1	70090503067	PARKA BOATERS DOG-4X/...
2	19153259869	HULLS ONCE FIRED REM 2...
3	19508420172	CARDIGAN MIDORI RIB-L/...
4	19508420192	ASDFE KEK SADKFJ
5	99508420172	LDFSHJJ DASFE
6	59508420172	CASDE EE DA SDF RIB-L/B...
7	34508420172	CARDIGANASDF AASIB-L/...
8	13408420172	CARDIGAN ASDF IB-L/BLK
9	19501220172	CARDIGAN MASDFL/BLK
10	19505620172	ASDFI RIB-L/BLK
11	19509020172	SADFIGAN MIDORI RIB-L/...
12	19503820172	CSADFIGAN MIDORI RIB-L...
13	90508420172	CARASDFAN MIDORI RIB-L...
14	12508420172	CASDFN SADFSADFK
15	19506620172	CARDIGAASDF RIB-L/BLK
16	19509209172	ASDF
17	16508423172	CARDIGAN MIDORI RIB-L/...

### Final Product

