Database Diagram

**Pharmacy TECHNICIANS’ System Project**

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Version 2.0

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# **Document Revisions**

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| --- | --- | --- | --- |
| **Number** | **Date** | **Description** | **Resource** |
| 1.0 | 1/22/2025 | Initial draft. | Neil |
| 2.0 | 03/17/2025 | Updated Database | Neil |
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# **Document Review**

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| --- | --- | --- |
| **Revision Number** | **Date** | **Resource** |
| 1.0 | 1/22/2025 | Joel Trebble |
| 2.0 | 03/17/2025 | Joel Trebble |
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|  |  |  |

# **Database diagram**

A computer screen shot of a computer

AI-generated content may be incorrect.

**CONNECTIONS**

# ORDERTABLE'S RELATIONSHIPS (CENTRAL TABLE)

* links to patienttable via ppr (patient prescription record)
* links to drugtable via din (drug identification number)
* links to physiciantable via physicianid
* links to usertable twice:
  + initiator: references userid (the user who created the order)
  + verifier: references userid (the user who verified the order)
* links to printstatustable via printstatusid

# IMAGETABLE'S RELATIONSHIP

* links to ordertable via rxnum (stores images associated with prescriptions)

# LOGTABLE'S RELATIONSHIPS

* links to usertable via actorid (tracks who performed actions)
* links to ordertable via affectedorder (tracks which order was affected)

# USER-RELATED AUTHENTICATION TABLES

* confirmationcodetable links to usertable via userid (for email verification)
* passwordresetcodetable links to usertable via userid (for password resets)

# PRINTING & NOTIFICATIONS TABLES

* printstatustable links to usertable via printstatusid (tracks printing status)
* notificationtable links to usertable via recipient (references userid)

# STANDALONE TABLES (NO FOREIGN KEY RELATIONSHIPS)

* labeltable (stores label information after order approval)
* sigtable (stores standard instruction codes)

# NOTABLE ASPECTS

* the labeltable, while containing rxnum and other identifiers, doesn't have foreign key constraints because it's meant to be a historical record
* sigtable is referenced by ordertable's sig field but not through a foreign key, allowing for custom sig codes