

Week 4 — Prisma Deep Dive & Migrations

Apr 21 – Apr 25


What We're Covering

Going deeper with Prisma ORM — schema design, migrations, relations, and type-safe queries. This is where your group project connects to a real database.

Readings


- [Cloud Computing & Deployment](#)

Due This Week

 **Quiz 4 — Due: Sunday, April 26 at 11:59 PM**

[Canvas](#) · [Site](#)

Covers: Cloud Computing & Deployment

 **Check-Off: Prisma Intro — Due: Sunday, April 26 at 11:59 PM**

[Canvas](#) · [Site](#)

Define a Prisma schema, run migrations, and write type-safe queries.

 **Sprint 2 — Due: Sunday, April 26 at 11:59 PM**

[Canvas](#) · [Site](#)

Prisma schema, PostgreSQL connected, user find-or-create, ratings CRUD.

What You Should Be Working On

- **Sprint 2** – connect your group project to PostgreSQL via Prisma. Implement user provisioning and ratings CRUD.
 - **Prisma Intro check-off** – individual hands-on with Prisma.
 - **Review the data access guides** – [SQL Fundamentals](#), [PostgreSQL Setup](#), and [Prisma ORM](#) cover everything you need for Sprint 2.
 - **Read the Week 4 reading** and take Quiz 4.
 - **AI Diary** – log your Week 4 entry.
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Learning Objectives & Course Outcomes

Syllabus Learning Objectives addressed this week:

- **L01:** Design and implement RESTful web APIs using a server-side framework
- **L02:** Model and access relational data using an ORM backed by a relational database
- **L07:** Collaborate in teams using version control workflows, sprint milestones, and code review

Course Outcomes:

- **Inquiry and Critical Thinking** – modes of inquiry, analysis, and critical synthesis
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Lecture Recaps

- Tuesday – *Coming soon*
- Thursday – *Coming soon*