

Week 7 — OAuth2 & NextAuth

May 12 – May 16


What We're Covering

OAuth2 and federated identity – how modern apps handle login without managing passwords. You'll learn the authorization code flow and integrate NextAuth into a Next.js app using the shared auth service.

Readings

- [No reading this week](#) – the OAuth2 reading moved to [Week 8](#).

Due This Week

 **Check-Off 7: Next.js Foundations – Due: Sunday, May 17 at 11:59 PM**

[Canvas](#) · [Site](#)

Complete the introduction + Chapters 1–5 of the official Next.js Learn dashboard course.

 **Sprint 5 – Due: Sunday, May 17 at 11:59 PM**

[Canvas](#) · [Site](#)

Bug Tracker front-end – Next.js app with a public report form on top of **your own** API's `POST /issues`. No auth; small ramp into Next.js. Deployed.

What You Should Be Working On

- **Sprint 5** – build the Bug Tracker front-end: a public report form on top of **your own** API's `POST /issues`. No authentication. Small single-sprint FE deliverable focused on Next.js fundamentals. Your downstream partner group uses this to file bugs against you during Sprints 6–8.

- **Week 7 check-off** – details TBD.
 - **Review the Next.js guide** – [Next.js](#) covers the framework you'll use for the front-end sprints.
 - **No reading or quiz this week** – the OAuth2 reading is in [Week 8](#).
 - **AI Diary** – log your Week 7 entry.
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Learning Objectives & Course Outcomes

Syllabus Learning Objectives addressed this week:

- **L03:** Implement authentication and authorization using token-based and federated identity patterns
- **L04:** Build interactive front-end applications using a component-based framework
- **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*