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| Project Name: | DevHub – A Next-Generation Learning Platform |
| Sprint #: | 3 – Backend API Development & Database Integration |

Sprint Review Template

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| INSTRUCTIONS:  Follow the meeting schedule below to maximize time with your team and sponsor. The objective of the sprint review meeting is to receive practical feedback on what has been delivered and determine if the objectives have been achieved. |

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| Time | Duration | Activity | Description | Presenter |
| 9:00 | 5 min | Introduction | · **Product Name:** DevHub – A platform for learning programming interactively and affordably. · **Product Roadmap Intro:** Sprint 3 focused on establishing backend functionality with full CRUD support for course content and connecting it to the frontend UI. | Product Owner |
| 9:05 | 5 min | Sprint Goals | **· Sprint Goals:**  Design and implement CRUD APIs for course management.  Integrate backend APIs with frontend components.  Finalize and optimize database structure for scalability.  **· Impact on Release Plans:**  Enabled dynamic content interaction for users.  Completed full-stack flow from frontend actions to persistent database changes.  **· Top 3 Requirements:**  Course API endpoints (Create, Read, Update, Delete)  MongoDB integration with data validation  Frontend React connection to backend APIs | Product Owner |
| 9:10 | 5 min | Status Overview | **· Big Fixes:**  Addressed API errors related to data type mismatches.  Resolved CORS issues blocking frontend-backend communication.  **· Pivots/Changes:**  Decided to modularize controller logic mid-sprint for better testing and reuse.  Shifted some validation to the backend to reduce frontend logic load. | Scrum Master |
| 9:30 | 20 min | Live Demo | **· Demoed Features:**  Course creation, retrieval, updating, and deletion using Postman and React UI.  Integration demo showing course listings populated via API calls.  **· Value Produced:**  Fully functional backend supporting real-time platform features.  Foundation laid for upcoming engagement modules (ratings, tracking). | Team |
| 9:35 | 5 min | Metrics | · **Burndown Chart:** Accurate sprint pacing; progress tracked daily, closed at Day 5.  **· Velocity:** 45 hours planned → 45 completed.  **· Other Metrics:**  API response time (average): 120ms  Database write error rate: < 0.2% | Team |
| 9:40 | 5 min | Blockers | · **Main Blockers:**  Time spent debugging MongoDB population issues.  Delay caused by inconsistent frontend state updates after API calls. | Scrum Master |
| 10:00 | 15 min | Q&A/Feedback | · **Feedback Highlights:**  Recommended introducing API documentation (Swagger) from next sprint.  Impressed with full-stack connection demo.  Suggested stress-testing endpoints before user rollout. | Stakeholders |