

Project ID: 103

Project Title

Nextcoin – Project Playground

Client Name

Nextcoin (Nextcoin.Com.Au) Founder & Project Supervisor - Bal Singh

Group Capacity

3 groups

Project Background

NextCoin is building a youth-focused “project playground” that lets 18- to 27-year-olds earn money - and verifiable experience - by completing bite-sized digital tasks for SMEs, early stage startups, DTC brands, creative agencies, and product development companies. Early pilots have shown strong demand on both sides.

Stakeholders:

- Young professionals - A platform to view projects, access shared workspaces (Slack, Notion, Google Drive), and submit deliverables.
- Project Owners - A way to monitor project progress, access shared workspaces, and collaborate with young professionals.

This platform will also power

- B2C mobile app (project discovery & wallet),
- B2B hiring portal (talent discovery, analytics),

Notes:

- Corporate talent portals, educator dashboards, and the NextCoin mobile app will all depend on the same data and logic.
- A clean, versioned API layer future-proofs the ecosystem and prevents duplicating business rules.

Project Scope

Build a project management platform serving as the operational backbone for NextCoin. The platform will integrate third-party tools (Notion, Slack, shared storage) and provide automated workspace creation, role-based access control, SSO, and project tracking for all users.

Project Requirements

Key features by role:

- Young Professionals Dashboard - SSO, project timeline, integrated workspace access (Notion/Slack/Drive), deliverable submission area
- Business Portal - SSO, project dashboards, integrated workspace access for communicating with the professionals, feedback/approval workflows
- Admin Console - multi-project monitoring, automated workspace provisioning, user access management, system analytics

Required Skills

Required:

Backend development
Database design and SQL
API development and third-party integrations
Authentication systems (OAuth, SSO)
Cloud deployment
Testing methodology (unit, integration, security testing)
CI/CD
Security best practices for enterprise applications

Bonus:

Experience with external APIs (Notion, Slack, file storage solutions)
Real-time notifications
Enterprise security frameworks
Workflow automation tools

Expected Outcomes

- Source code for a scalable platform
- API docs (Swagger + Database schema)
- Test suites (unit, integration, load)
- Deployment URL

Disciplines

Software Development; Web Application Development; Big data Analytics and Visualization; Cloud Computing; System/game Development; Security/Cyber Security; Human Computer Interaction (HCI);

Other Resources

- API access keys for Notion, Slack, Google Workspace
- Cloud credits (AWS/GCP/Azure)
- Sample project data and user personas

Bonus Resources:

- Paid projects once the platform is built
- References
- Career development support
- Work with 2x exited founder