

DEVX360

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User Stories for DevX360

1. User Authentication

- **US1:** As a new user, I want to register via email/password or third-party providers (GitHub) so that I can access the system securely.
 - **US2:** As a manager, I want to generate invite-only sign-up links for team members to ensure controlled access to the platform.
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2. User Roles

- **US3:** As a manager, I want to view team performance metrics and detailed reports so that I can identify bottlenecks and optimize workflows.
 - **US4:** As a team member, I want to view my personal metrics and receive AI-driven improvement suggestions so that I can enhance my contributions and commits.
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3. DORA Metrics Collection

- **US5:** As a DevOps engineer, I want the system to automatically collect deployment frequency and lead time from GitHub and CI/CD tools so that I can monitor delivery performance without manual effort.
 - **US6:** As a team lead, I want real-time updates on Mean Time to Recover (MTTR) so that I can address incidents promptly.
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4. Team & Individual Metrics

- **US7:** As a manager, I want to view team-level metrics while respecting privacy so that I can foster collaboration without encouraging harmful competition.
 - **US8:** As a developer, I want to see my individual contribution metrics privately so that I can self-assess and improve.
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5. AI Features

- **US9:** As a developer, I want AI to analyze my pull requests and suggest code quality improvements so that I can reduce technical debt.
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6. Dashboard & Reporting

- **US10:** As a user, I want a role-based dashboard showing real-time DORA metrics so that I can track performance at a glance.
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7. Integrations

- **US11:** As a developer, I want seamless integration with GitHub and Jira so that data flows automatically into DevX360 without duplication.
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8. Security & Compliance

- **US12:** As a user, I want RBAC to restrict access to sensitive data so that only authorized roles view specific metrics.
 - **US13:** As a compliance officer, I want GDPR-compliant data handling so that user privacy is legally protected.
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9. Non-Functional Needs

- **US14:** As a user, I want the dashboard to load within 2 seconds so that I can work efficiently without delays.

