User Stories for DevX360

1. User Authentication

- **US1:** As a new user, I want to register via email/password or third-party providers (GitHub, Google) so that I can access the system securely.

- **US2:** As a security-conscious user, I want to enable Multi-Factor Authentication (MFA) during login so that my account remains protected.

- **US2.1:** As a security-conscious user, I want to be automatically logged out after 30 minutes of inactivity so that my session isn't left vulnerable.

- **US3:** As a manager, I want to generate invite-only sign-up links for team members to ensure controlled access to the platform.

2. User Roles

- **US4:** As a manager, I want to view team performance metrics and detailed reports so that I can identify bottlenecks and optimize workflows.

- **US5:** 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.

3. DORA Metrics Collection

- **US6:** 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.

- **US7:** As a team lead, I want real-time updates on Mean Time to Recover (MTTR) so that I can address incidents promptly.

4. Team & Individual Metrics

- **US8:** As a manager, I want to view team-level metrics while respecting privacy so that I can foster collaboration without encouraging harmful competition.

- **US9:** As a developer, I want to see my individual contribution metrics privately so that I can self-assess and improve.

5. AI Features

- **US10:** As a developer, I want AI to analyze my pull requests and suggest code quality improvements so that I can reduce technical debt.

- **US11:** As a team member, I want AI-generated commit messages to standardize my workflow so that commit logs are clear and consistent.

6. Compliance & Tracking

- **US12:** As a manager, I want alerts when no commits are made on a workday so that I can ensure consistent progress and avoid code loss.

- **US13:** As a developer, I want reminders to commit code daily so that I stay aligned with team expectations.

7. Dashboard & Reporting

- **US14:** As a user, I want a role-based dashboard showing real-time DORA metrics so that I can track performance at a glance.

- **US15:** As a manager, I want automated weekly reports emailed to stakeholders so that I can share progress without manual effort.

8. Integrations

- **US16:** As a developer, I want seamless integration with GitHub and Jira so that data flows automatically into DevX360 without duplication.

- **US17:** As an admin, I want API access to connect custom tools so that the system adapts to our existing workflow.

9. Security & Compliance

- **US18:** As a user, I want RBAC to restrict access to sensitive data so that only authorized roles view specific metrics.

- **US19:** As a compliance officer, I want GDPR-compliant data handling so that user privacy is legally protected.

10. Non-Functional Needs

- **US20:** As a user, I want the dashboard to load within 2 seconds so that I can work efficiently without delays.

- **US21:** As a global team, I want the system to support 10,000 concurrent users so that scalability is ensured during peak usage.