High Level Workflow Narrative

1. **Design Handoff**
    - Designers finish a template layout in Figma. They tag components with meta-data (e.g., component names, colors, typography). This is the “ready for dev” version.
    - Use an AI assistant (such as Uizard or a Figma plugin) to generate code snippets (HTML/CSS/WordPress block markup) from the design automatically. This reduces manual slicing and hand-off mistakes.
2. **Development**
    - Developers receive the generated markup and drop it into a WordPress template (or plugin).
    - A CI/CD pipeline (using GitHub Actions) is triggered on commit: it builds the theme, runs automated linting/tests, and deploys to a staging site.
    - The pipeline also uses AI (e.g., a code-review bot) that flags style inconsistencies or accessibility issues automatically.
3. **QA & Deployment**
    - On staging deploy, a workflow in Zapier triggers: once staging is green, it sends a Slack notification to QA team and creates a ticket in the task-tracker for final review.
    - QA uses automated tests (e.g., visual regression testing) and manual review.
    - If successful, the CI/CD pipeline automatically deploys to production with zero-manual steps (safe rollback configured).

Why this saves time / improves reliability

- Automating design-to-markup reduces the “translating design into code” bottleneck and decreases errors in handoff.
- CI/CD + code-review bots mean developers spend less time on repetitive checks, and fewer bugs leak into later stages.
- Automated QA + deployment ensures consistent process, fewer human errors, and faster delivery (minutes instead of hours/days).
- Clear workflow triggers (via Zapier) reduce manual coordination overhead between teams.

Summary:

- **Design Handoff** → generate markup (AI) → push to repo
- **Development** → GitHub Actions build & test → staging
- **QA & Deployment** → Zapier triggers QA notification → automated tests → production deploy