Best Practices for FPGA and Software Teams

☐ **Establish Regular Sync Meetings** — Hold weekly or bi-weekly meetings to keep both teams aligned on project progress and address any blockers early.

☐ **Create a Shared Glossary** — Develop a unified glossary for terminology used by both FPGA and software teams to prevent misunderstandings.

☐ **Implement Integrated Testing Environments** — Set up shared testing platforms to allow for real-time debugging and synchronized troubleshooting across both disciplines.

☐ **Adopt Cross-Training Initiatives** — Foster understanding by providing basic cross-training on FPGA and software fundamentals for both teams.

☐ **Use Co-Design Methodologies** — Implement co-design practices to ensure hardware and software are developed in tandem, reducing late-stage issues.

☐ **Introduce CI/CD Pipelines for FPGA** — Adapt continuous integration and deployment processes to include FPGA, streamlining updates and feedback for the entire system.