Lessons Learned

UK Banking & Financial Application

### **What Went Well ✅**

* Comprehensive test planning and execution aligned with project milestones.
* Early involvement of QA team in requirement analysis, reducing late surprises.
* Effective collaboration between QA, Development, and Business teams ensured faster defect resolution.
* Test environments were stable and available on time for execution.
* End-to-end regression and user acceptance testing validated key business flows before go-live.

### **Challenges Faced ⚠️**

* Delays in receiving stable builds impacted regression timelines.
* Limited test data availability for certain real-time integration scenarios.
* Inconsistent communication on last-minute requirement changes.
* Performance testing cycles were shortened due to schedule constraints.
* Some environment-related defects were identified late, causing rework.

### **Improvements for Future 🔧**

* Implement shift-left approach with QA validation starting from requirement/user story grooming.
* Automate regression and smoke tests to save time during frequent build deployments.
* Establish a dedicated Test Data Management strategy to simulate real-world scenarios.
* Strengthen performance and security testing earlier in the lifecycle.
* Set up continuous monitoring dashboards post-go-live for quicker defect detection in production.