Distribution of sales (figure 3)
Distribution of sales (figure 4)
Year one units
Distribution of sales

SHARING MY TESTING EXPERIENCE AND LEARNING

Insights and lessons from practical testing projects

PURPOSE AND OVERVIEW

Personal Journey and Experience

Sharing personal experiences and key learnings as a web tester to provide context and insights.

Core Responsibilities and Tasks

Overview of main responsibilities and tasks involved in web testing within projects.

Tools and Project Contributions

Details about essential tools used and diverse projects contributed to in web testing.

CORE TASKS FOR A WEB TESTER

REQUIREMENT ANALYSIS

Understanding Project Requirements

Thoroughly review project requirements, user stories, and acceptance criteria to ensure clarity and completeness.

Identifying Testable Scenarios

identify all functional and non-functional testable scenarios for comprehensive coverage.

Designing Effective Test Cases

Invest time in requirement analysis to design test cases that enhance project quality and success.

TEST CASE DESIGN

Comprehensive Test Cases

Test cases must cover both functional and non-functional requirements for complete validation.

Diverse Test Data

Preparing test data with valid, invalid, and edge cases ensures robust test coverage.

Defect Identification & Knowledge Sharing

Effective test case design helps find defects early and promotes knowledge sharing within QA teams.

TEST EXECUTION

Manual Testing Across Platforms

Perform manual tests on web applications using various browsers and devices to ensure UI and functionality work as expected.

Defect Identification and Validation

Identify defects and verify the application meets requirements for a seamless user experience.

Edge Cases and Real-World Scenarios

Focus on edge cases and real-world usage to uncover hidden issues not obvious during development.

BUG REPORTING & TRACKING

Detailed Bug Reporting

Include clear steps to reproduce, screenshots, and severity levels to help developers fix bugs efficiently.

Bug Tracking and Status Updates

Track bug statuses and retest fixes to ensure issues are resolved and do not recur.

Collaboration and Documentation

Clear communication and documentation improve teamwork between testers and developers for better quality.

CROSS-BROWSER & CROSS-DEVICE TESTING

Browser Compatibility

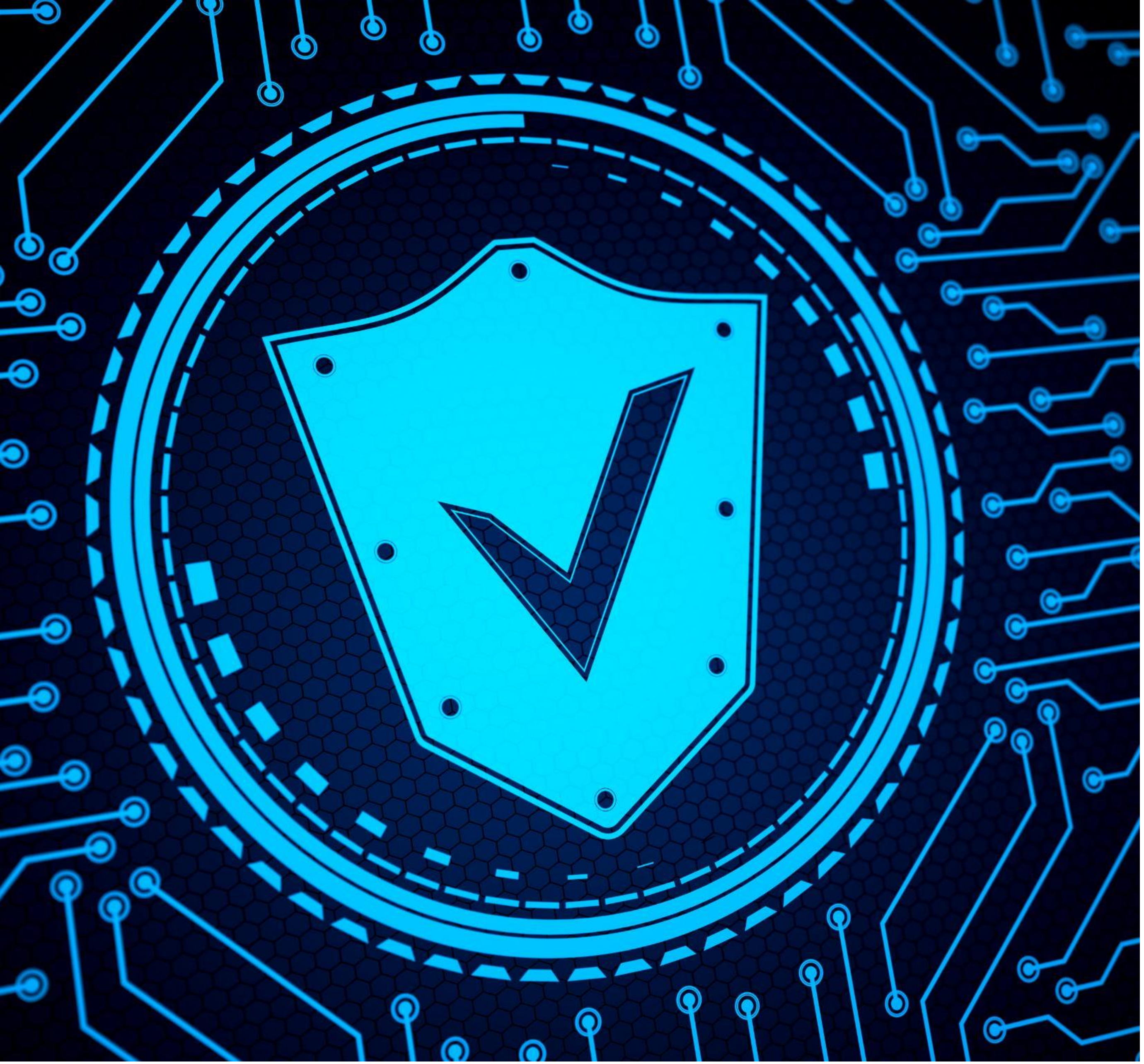
Testing ensures web applications function properly across major browsers.

Device Responsiveness

Verifying layouts adapt correctly to different devices including desktops, tablets, and smartphones is essential.

Identifying Compatibility Issues

Systematic verification helps detect and resolve layout and functionality problems across platforms.



PERFORMANCE & SECURITY TESTING

Performance Checks

Basic performance tests measure page load times and responsiveness to detect bottlenecks early.

Security Vulnerability Reporting

Identifying and reporting suspicious behaviors protects user data and maintains trust.

Early Issue Detection

Early detection and escalation of issues support advanced testing efforts and improve quality.

COLLABORATION & COMMUNICATION

Cross-functional Collaboration

Working closely with developers, product owners, and QA fosters alignment and prompt issue resolution.

Agile Participation

Daily stand-ups, sprint planning, and retrospectives promote transparency and continuous improvement.

Effective Communication

Clear communication resolves blockers, shares knowledge, and helps achieve project goals efficiently.

DOCUMENTATION

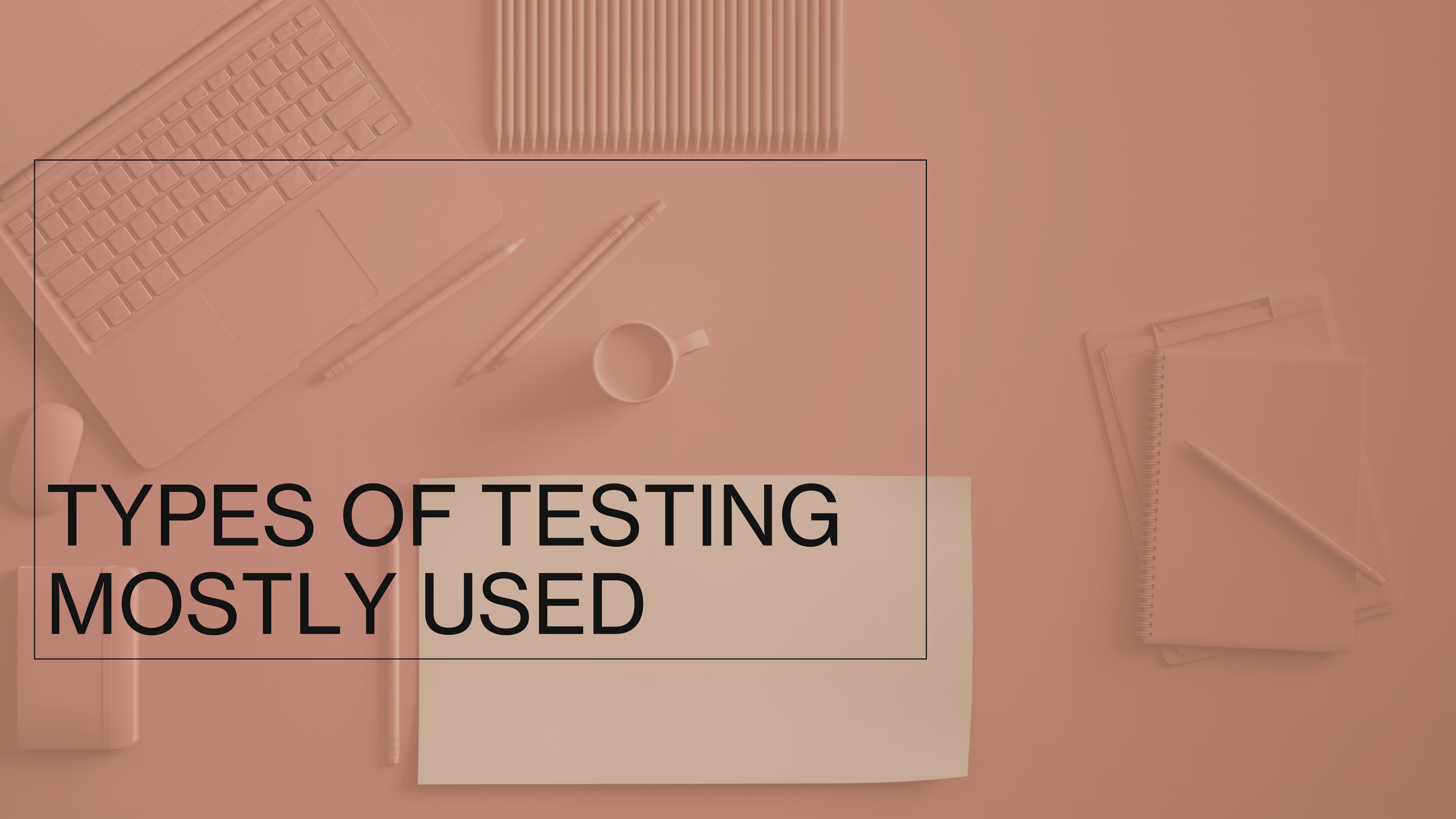
Comprehensive Records

Detailed documentation of test cases and bug logs ensures reliable references for future testing cycles.

Lessons Learned Documentation

Recording best practices and lessons learned refines testing strategies and assists new team members.

TYPES OF TESTING MOSTLY USED



MANUAL, FUNCTIONAL, AND COSMETIC/UI TESTING

Manual Testing

Manual testing validates user flows and experience.

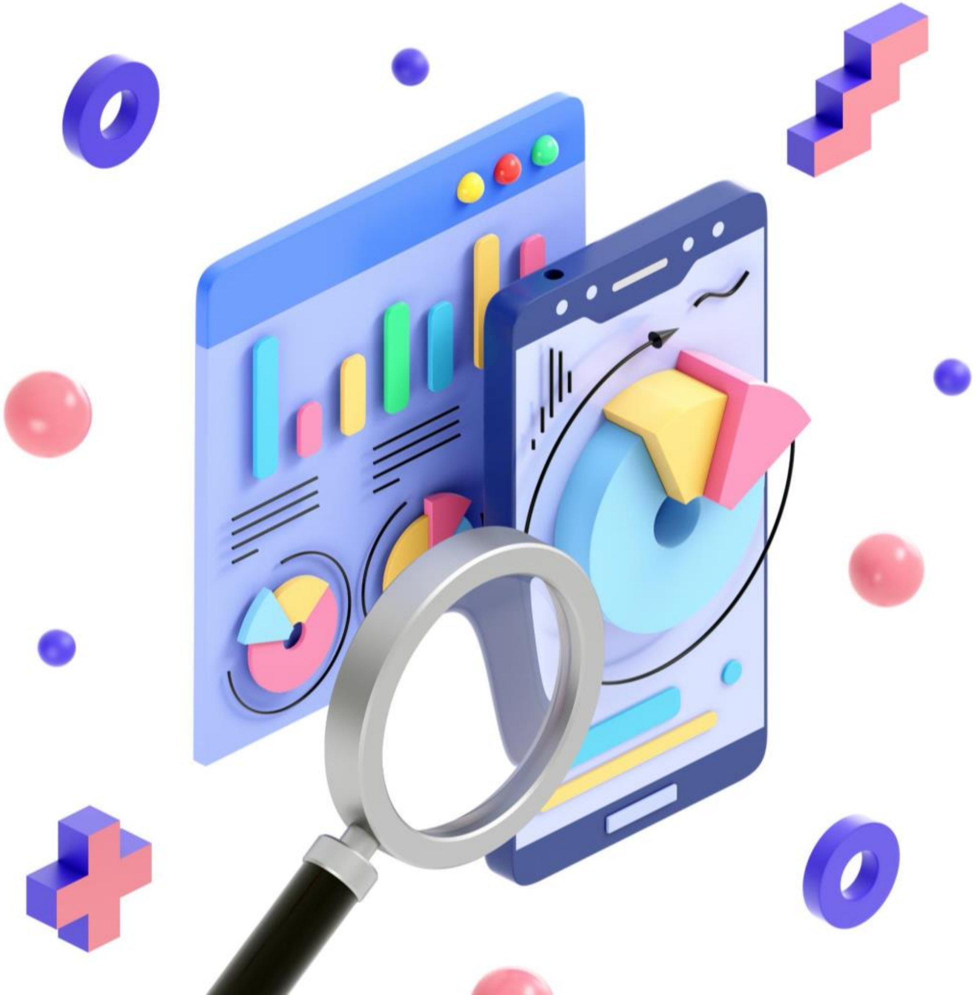
Functional Testing

Functional testing verifies feature functionality like form submissions and backend integrations.

Cosmetic/UI Testing

Cosmetic/UI testing ensures visual consistency and responsiveness across browsers and devices.

TESTING TOOLS UTILIZED



Cross-Browser Testing

BrowserStack enables testing across multiple browsers and devices without physical hardware, ensuring consistent application behavior.

Automated Functional Testing

OpenText UFT automates repetitive and regression test cases, improving speed and accuracy in functional testing.

Test Management and Defect Tracking

Azure DevOps centralizes test case management and defect tracking, enhancing collaboration and traceability.

PROJECT EXPERIENCE

PAYMENT KIOSK SYSTEM

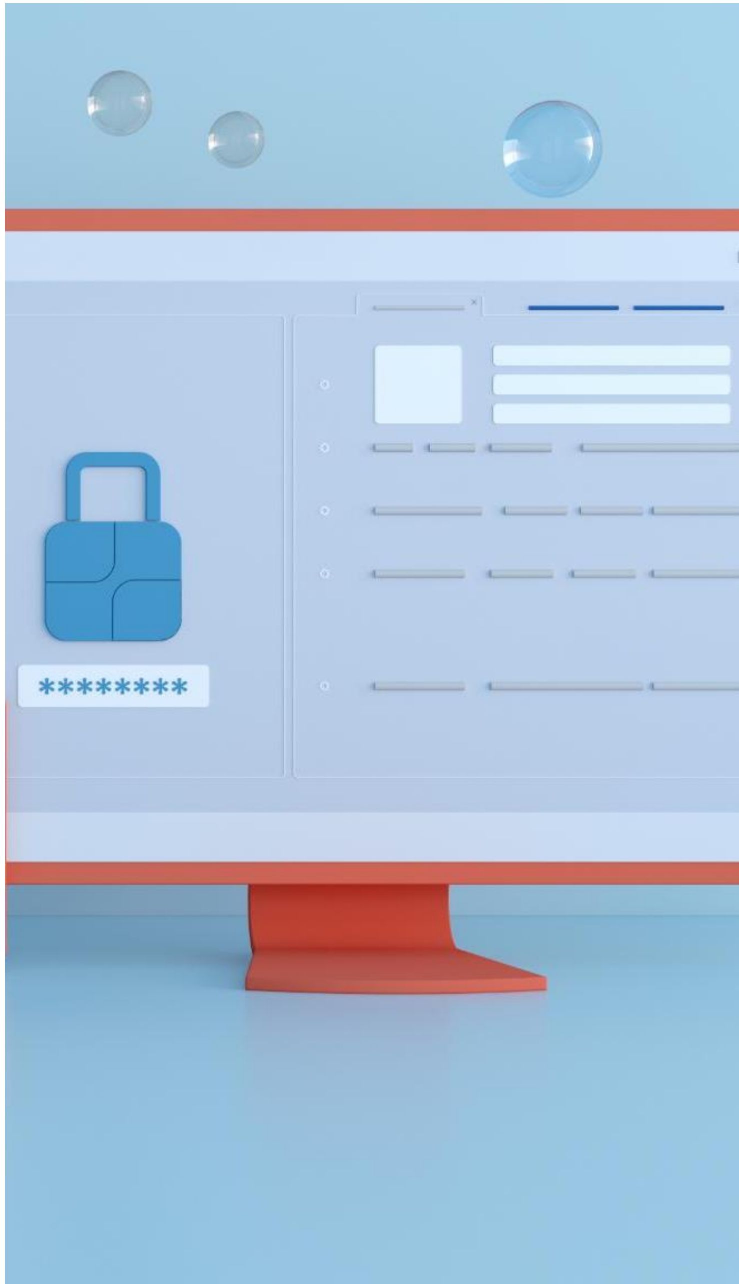
Objective: Ensure the payment kiosk is accessible, user-friendly, and inclusive for all users.

Functional testing -Button functionality, Screen transitions, Error messages clarity.

Physical accessibility -Reachability of screen and buttons, Wheelchair access, Visibility and lighting.

Digital accessibility -Font size and contrast, Touch responsiveness, Navigation simplicity. (WCAG guideline)

Real-life customer feedback- Using different user profiles (Elderly, users with disability, tech savvy and non savvy), Collecting feedback and actioning on the ones that can be changed/updated.



RATES SAP INTEGRATION

Web and Backend Testing

Tested integration between council web portal and SAP Rates module ensuring seamless data flow.

Data Accuracy Verification

Verified rate calculations, property lookups, and payment history using manual testing methods.

Defect Logging and Tracking

Logged and tracked defects using Azure DevOps to ensure timely issue resolution.

EVENTS PORTAL

UI and Cosmetic Testing

Focused on ensuring the portal’s accessibility and responsiveness across different devices and user needs.

Event Management Workflows

Validated event creation, filtering, and registration workflows to provide seamless user interactions.

User-Driven Continuous Improvements

Continuous improvements are made to the portal based on user feedback, ensuring the platform evolves to better meet user needs and expectations.

WEB FORMS & SURVEYS

Field Validation

Input format (email, phone number), mandatory fields.

Button Functionality

Navigation buttons, Submit buttons working smoothly.

Content Check

Instruction clarity, Spelling and grammar check.

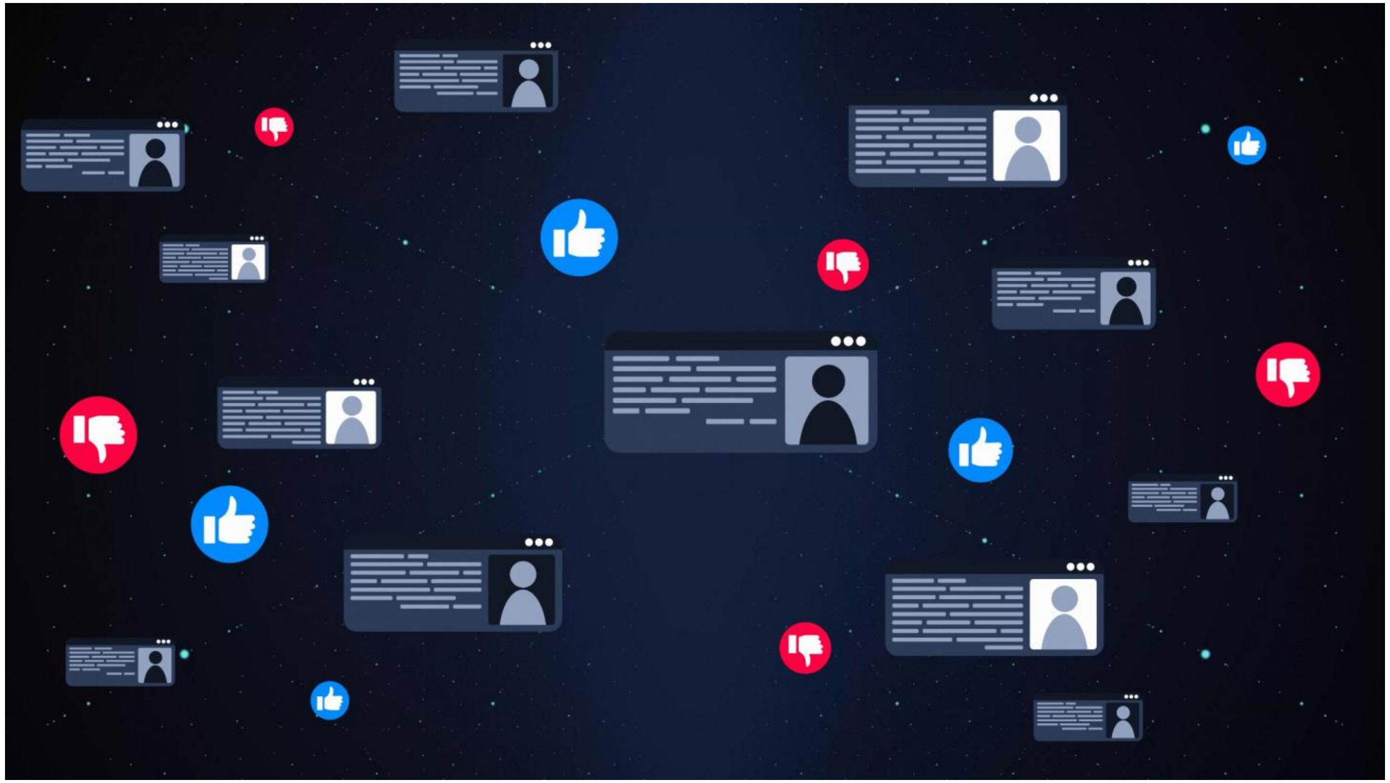
Confirmation Emails

Check confirmation emails coming through with correct details and links if any.

CONSULT 24 PLATFORM

Functional Testing Focus

Testing covered user submissions, comment moderation, and reporting features to ensure full functionality.



User and Admin Satisfaction

Testing ensured the platform met needs of both administrators and end-users, improving satisfaction.

FUTURE PROJECTS

The Building chatbot/agent- Its a Building system chatbot , which will serve as a virtual assistant designed to help users with questions related to Building services. (Example- Building consents, costs of building a garden shed ,etc..)

New Websites in design stage- Museum and Cargo shed **.**

Thank you