**Retrospective Document**

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| Details | Prepared By | Reviewed By | Approved By |
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| Role | Quality Assurance Interns | Batch Trainer |  |

Table: Group Description

# Goals Achieved

* Automated key user flows: login, event/activity listing, and contact form.
* Enabled data-driven testing with Excel integration.
* Achieved cross-browser compatibility (Edge, configurable).
* Integrated Allure for detailed test reporting.
* Implemented robust error handling and logging.
* Built a reusable, modular automation framework.
* Automated verification of social media links.
* Made the project CI/CD ready with Maven support.

What Went Well

* Test automation covered all major user scenarios effectively.
* Framework setup was smooth and modular, enabling easy updates.
* Integration with Allure reporting provided clear test insights.
* Data-driven testing improved test flexibility and coverage.
* Team collaboration and code reviews ensured high code quality.
* Automated social media link checks worked reliably.

# Challenges Faced

* Dynamic UI changes required frequent script updates.
* Automating OTP authentication was complex.
* Synchronization and intermittent test failures needed extra debugging.
* Cross-browser setup and Excel integration added configuration challenges.

# Lessons Learned

* Modular framework design simplifies maintenance and scaling.
* Early integration of reporting tools improves test visibility.
* Handling dynamic elements and synchronization is crucial for stable automation.
* Data-driven testing enhances flexibility but requires careful dependency management.