



COROMANDEL™  
Infotech India Ltd.

# CASE STUDY



## FRED ASTAIRE

FRANCHISED DANCE STUDIOS®

Testing of Studio Management Solution  
-Fred Astaire Dance Studio

Fred Astaire Dance Studios relies on financial data from franchisees to whom they have licensed out proprietary dance studio routine and organization. With huge number of franchisees, the monitoring of the activity at the franchise outlet with respect to accurate inventory of activities at these outlets were challenging. They required a web based solution to replace their Legacy MS Access application to run the studio more efficiently, with online registration, auto-billing, recital & costume management and full accounts receivable features with custom fields and financial reports. As a new system was being developed, a complete testing service was also required for independent testing of the functionalities before the software release.

- Validate new enhancements and perform regression during the monthly releases.
- Validating the functionalities when new studios are added
- Validate all the reports
- Validate the email and sms notifications.

## AWARD OF THE CONTRACT

Apart from maintenance of the website, INIRUS was also asked to provide its testing services for the Fred Astaire Dance Studio application. All the functionalities were tested end to end when the web solution was implemented. After moving to production, the Fred Astaire wanted to enhance the application. And this resulted in CRs which were also tested before implementation.

## BUSINESS CHALLENGES FACED

- ★ Release dates kept changing
- ★ Revised deadlines while goal remained same
- ★ Delayed access to requirement changes

## INIRUS APPROACH AND THEREOF

- ★ New test cases prepared for the enhancements.
- ★ Regression test suites created
- ★ A total of 3292 Test cases were created

Testing would be done for the CR and one round of regression would be carried out before releasing the change to Production. A regression test suite was created and constantly enriched during every release.

- ★ No of Test cases in regression suite was 2350
- ★ Creation of automation pack was done using QTP
- ★ Performance testing was done with increasing number of studios using the program

## BENEFITS DERIVED

- ★ Reduced defects in production
- ★ Improved test effectiveness and user satisfaction. A Defect Removal Efficiency of 97% was achieved.
- ★ Comprehensive test coverage
- ★ 43% of the defects discovered from the regression testing
- ★ Usage of Test Management tool Test Link & Bugzilla helped to optimize the test execution and defect management, which helped in quick rollout