



Patient Transition Software

Executive Summary

The client, a service provider in healthcare domain, has an application which is an amalgamation of many interdependent modules, e.g. Patient Referral System, Patient Transport System, etc. The application is used by a group of hospitals who agree to share their patient records in a common database.

If a patient needs certain facility which is not available in the hospital she is admitted to, the Patient Referral System can help her find a suitable hospital that can provide the facility – taking cost, distance, and other factors into consideration. Similarly when a patient needs to be transferred to another hospital, the Patient Transport System makes life easier. Similarly, there are various other modules in the application, each with its unique functionality and goals.

NO.	NAME	Level of Care	Status	Discharge	Admission	Discharge	Discharge	Discharge
1	Mr. John Doe	General	Admitted	01-01-2020	01-01-2020	01-01-2020	01-01-2020	01-01-2020
2	Ms. Jane Smith	General	Admitted	01-01-2020	01-01-2020	01-01-2020	01-01-2020	01-01-2020
3	Mr. Robert Johnson	General	Admitted	01-01-2020	01-01-2020	01-01-2020	01-01-2020	01-01-2020
4	Ms. Emily White	General	Admitted	01-01-2020	01-01-2020	01-01-2020	01-01-2020	01-01-2020
5	Mr. Michael Brown	General	Admitted	01-01-2020	01-01-2020	01-01-2020	01-01-2020	01-01-2020

The client was searching for an offshore partner who could analyze the complex application, write automation test cases out of the existing manual test cases, design a robust framework and automate the testing effort. Their search was over when they came across Mindfire's team and found the potentiality in them to execute the project.

About our Client

Client Healthcare Service Provider | **Location** USA | **Industry** Health Care

Business Situation

The client was searching for an offshore testing partner who could understand their business needs, analyze their complex application, write automation test cases out of the existing manual test cases, design a robust framework, and automate the entire testing effort. When they contacted Mindfire for the job, our test engineers took up the task, started exploring the application as well as looking for a test automation tool that would best fit the client's testing needs.

Solution Details

The Mindfire Solution

We zeroed in on Selenium WebDriver with Java as the programming language. Our engineers built a robust framework, the creation of which initially took some time and effort but made the automation job much easier



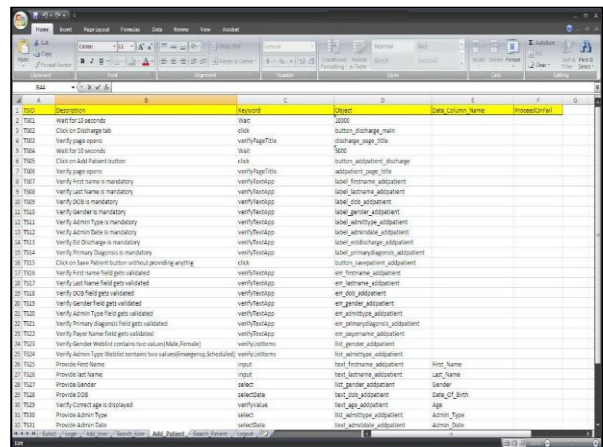
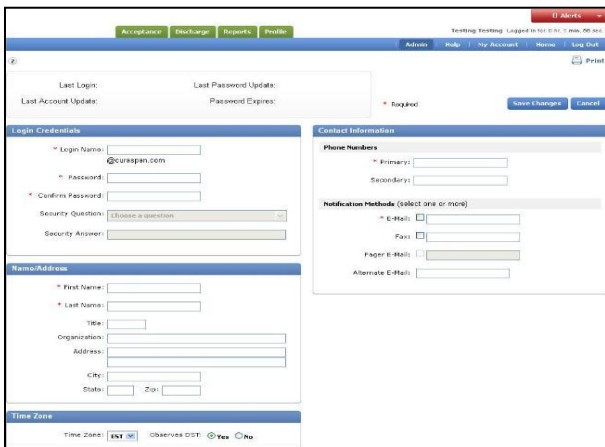
ever after. The framework was such that even a person who doesn't understand the automation scripts could combine a set of test cases and execute them with utmost ease.

Running a batch of test scripts is as simple as only providing the test data in an Excel sheet and clicking on a batch file. After execution, a report is automatically emailed to the concerned persons (email IDs need to be given prior to test execution) by the script. The report is a step by step description of all pass/fail events along with screenshots for failures. The framework also generates a log file that provides all the log details.

Technologies

Selenium (Java WebDriver), Ant, Eclipse, ColdFusion.

Final Results Software System



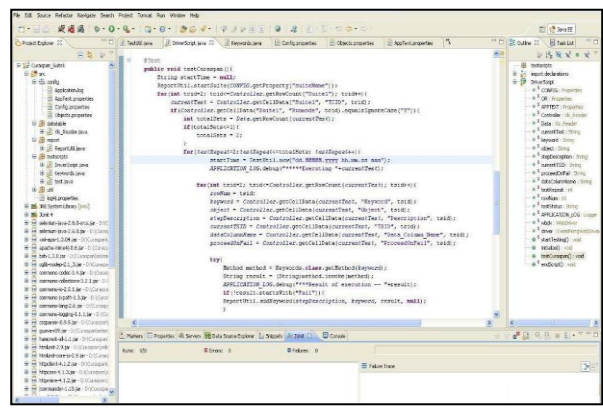
Automation Test Results

Test Details:

Run Date:	11.October.2011
Run StartTime:	11.October.2011 03:53:31 PM
Run EndTime:	11.October.2011 03:54:30 PM
Environment:	Prod
Release:	11.2

Suite 1 Report:

Test Script	Test Case Name	Status	Run Start Time	Run End Time
1	Verify Login Page	Pass	11.October.2011 03:53:53 PM	11.October.2011 03:54:30 PM
2	Login	Pass	11.October.2011 03:53:59 PM	11.October.2011 03:54:30 PM
3	Verify Home Page	Skip	11.October.2011 03:54:06 PM	11.October.2011 03:54:30 PM
4	Search	Pass	11.October.2011 03:54:06 PM	11.October.2011 03:54:30 PM
5	Verify Profile Data	Pass	11.October.2011 03:54:30 PM	11.October.2011 03:54:30 PM
6	Logout	Fail	11.October.2011 03:54:30 PM	11.October.2011 03:54:30 PM





Customer Benefits

The client received a robust and easy to use framework. Automating the whole process reduced client's effort and time and made execution of test cases easier.

Future relationship

The client was very happy with the performance of his framework and the effort of the team. He immediately granted the same team with the maintenance work.

