



Domain: PR & Media

Thought Frameworks Case
Study: Functional Testing

Summary of the Product:

CisionPoint is a web-based software as a service product to build media lists, distribute press releases, manage PR campaigns, monitor news coverage and analyze results. CisionPoint is built on the Bacon's Media Database. CisionPoint offers Bacon's Media Database and CisionPoint's monitoring and productivity tools. There are three editions of CisionPoint – CisionPoint Enterprise, CisionPoint Professional, and CisionPoint Small Business.

Technology:

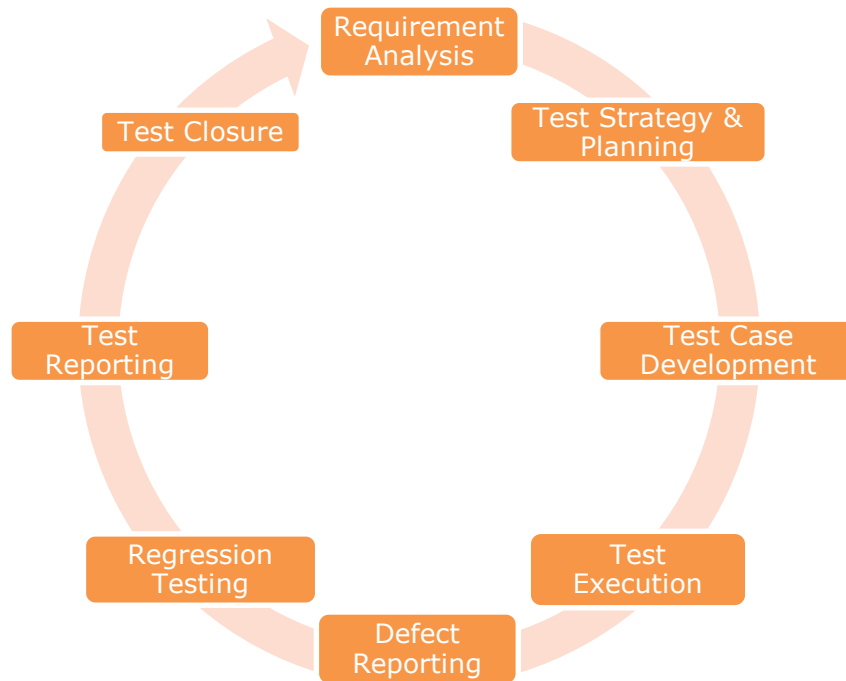
CisionPoint is built using ASP.NET MVC3, Entity Framework 5, C#, Javascript, SQL Server 2008

Business challenges:

Cision point application's need was to cater to large volumes of media data. Since the focus was on building a media list based on different geographical locations, the challenge was to build an application which would cater to the data needs. There were third party application interactions in order to distribute data into the CisionPoint database.

Technical challenges:

- No functional specification document was available for the built application
- Subject Matter Experts were spread in different locations
- Training had to be planned based on the geographical location of the SME's
- Testing team had to understand major part of the application by executing the test cases.
- Test Coverage focused towards :
 - Functional Testing
 - Compatibility Testing
- Test Phases
 - Execution phase(QA Environment)
 - Production verification phase



➤ **Progress and Coverage:**

- All new features test case execution and reporting
- All test case status updates were maintained in the test management tool
- All Defects were raised and assigned to developers using a bug tracking tool
- Daily QA status report were generated, summarizing test execution summary, list of bugs raised and their status.
- Cross browser testing of the application in IE, Firefox, Chrome
- OS Compatibility testing with Windows 7, XP and Apple Macintosh OS
- Tests done QA test Env & Production Env.

➤ **Defect Reporting:**

- Log Defects into JIRA - Defect Management Tool.
- Defect were triaged by the triage team and then passed on to the developer for fixing
- All Blocker defects were communicated to the QA manager, as and when the investigation was complete

➤ **Project Challenges Faced:**

- No updates or BRD on new feature release.

- New set of features for release in every 2 weeks
- Large number of regression test cases to execute
- Cross browser & OS compatibility testing

➤ **Highlights:**

- 5000 plus feature test cases designed during the project tenure
- 1000 plus defects identified, fixed and retested.
- Cumulative of 5000 plus regression test cases executed so far.

➤ **Accomplishments:**

- Grew from 3 member team to 8 member team in a span of 3 months
- Designed Functional test cases for the web application from scratch
- Handled complete testing of the application during releases of various applications, which were used globally
- Provided 24/7 Global System Support in resolving critical customer issues.