

Case Study – Software Development

OpenVirtue – G1WebERP...

- ▶ OpenVirtue is a Switzerland-based company
- ▶ It focuses on providing integrated ERP / CRM / Document Management solution (G1webERP) for small to medium companies
- ▶ It has market mainly in Europe

- Project
 - Design & Development of Web Client for G1
 - Design & Development of Form Designer for G1
- Solution Domain
 - G1 had windows client in C
 - Migrated this java-based Web Client with rich UI features, such as tree-views, tabs, images, themes, etc.

- Introduced concept of customizable dashboard
- Developed Form Designer to allow intuitive design of new/existing forms
- Developed wrapper layer on G1 Server to support webservices interfaces.
- Integrated with SugarCRM and JasperReports
- Developed Program Designer to allow creation of new tables and programs

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OpenVirtue – G1WebERP...(Contd...)

PROJECT DETAILS

SDLC

- Played major role in analysis, design, development and testing of the G1 WebERP client application.
- Developed iteratively.
- Each Iteration was for 3-4 months
- Within iterations deliveries were incremental, each delivery being after a month

Software Metrics

- Size 48 man-months
- Duration 12 months

Technology and Tools

- Core Java, Servlets
- JavaScript, AJAX
- XML, XHTML
- Tomcat
- WebServices
- JasperReports
- PHP