SHAREPOINT

END-TO-END SOLUTIONS

In order to ensure the successful outcome of all Helux engagements we have continuously refined our professional services methodology. Helux uses an integrated project management and development methodology, which provides the framework for deployment of best practices and standards into the Helux Professional Services organization. Additionally, our methodology provides a framework for the implementation of continuous learning and knowledge management.
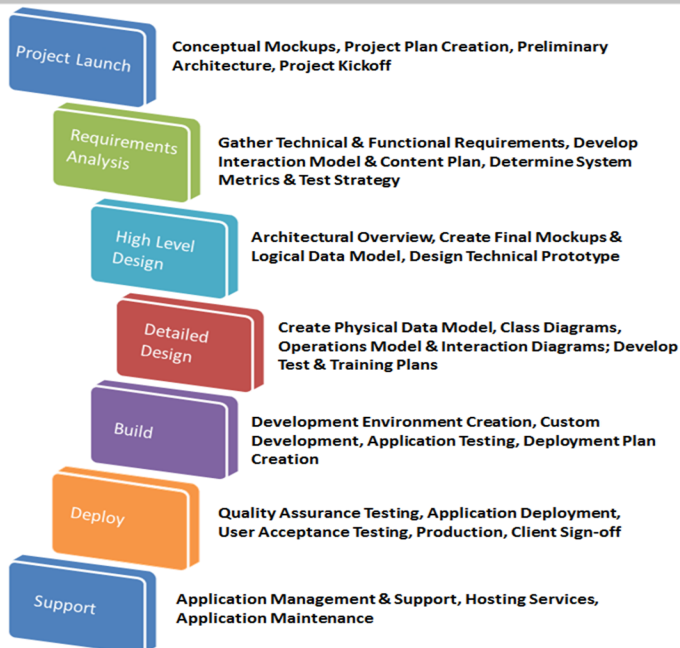
The objectives of our methodology are to ensure that Helux projects are:

Effective – Define & convert business requirements into technical specifications

Efficient – A streamlined process with minimum re-work and reduced cost

Quality – Appropriate architecture with expected level of quality.

Helux Systems Project Methodology

Project Launch — Conceptual Mockups, Project Plan Creation, Preliminary Architecture, Project Kickoff

Requirements Analysis — Gather Technical & Functional Requirements, Develop Interaction Model & Content Plan, Determine System Metrics & Test Strategy

High Level Design — Architectural Overview, Create Final Mockups & Logical Data Model, Design Technical Prototype

Detailed Design — Create Physical Data Model, Class Diagrams, Operations Model & Interaction Diagrams; Develop Test & Training Plans

Build — Development Environment Creation, Custom Development, Application Testing, Deployment Plan Creation

Deploy — Quality Assurance Testing, Application Deployment, User Acceptance Testing, Production, Client Sign-off

Support — Application Management & Support, Hosting Services, Application Maintenance

The Helux project methodology outlines a repeatable project life cycle and associated deliverables created within the project phases. Based on our standard approach to projects, Helux has instituted continuous learning within our Professional Services organization through the application lessons learned from one project to the next. Project deliverables are described in terms of work packages, which outline the purpose, content, format and development approach. Helux works with clients to map deliverables to existing customer processes to ensure a software development approach which is tailored to individual customer needs.

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Project Launch

Helux works with our clients to truly understand the priorities related to project scope, budget, and timeline. With the client's priorities in mind, Helux will create an integrated project plan to map deliverables to existing client processes and preferences. This project plan includes a Work Breakdown Structure, Estimations of Effort, Project Schedule, Risk Assessments, Change Management Plans and Communication Plans.

Requirements Analysis

Helux believes that requirements analysis is a crucial phase to laying a solid foundation for the success of any project. During this phase, Helux creates blueprints that define objectives, scope and behaviors of the project based on Functional and Technical Requirements. Helux also identifies and formalizes metrics that require tracking and develop a test strategy accordingly.

High Level Design

The purpose of the High Level Design phase is to develop a robust and scalable architectural framework upon which to build software releases. During this phase, Helux produces an Architectural Overview, Final Screen Mock-ups, Logical Data Models and a Technical Prototype.

Detailed Design

Helux considers the Detailed Design phase as a key period to drill down and focus on specific requirements and refine them to a greater level of detail. Elements of the Detailed Design phase include Physical Data Models, Class Diagrams, Operational Models and Interaction Diagrams. Helux also designs a Test Plan that covers all possible business and operational scenarios. Since a system is only as good as its user's ability to utilize it, Helux develops detailed training plans that encompasses all levels of proficiency.

Build

Helux's expertise in custom SharePoint development helps organizations achieve their individual goals. To maximize production, Helux sets up a separate development environment to ensure adequate development flexibility. Build processes are also established to ensure consistent and reliable builds. Helux creates detailed deployment plans outlining the scope, approach and planned execution for deployment. The plan can include system support information, issue tracking and roles and responsibilities before, during and after deployment.

Microsoft Partner
Gold Collaboration and Content

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Deploy

Helux Quality Assurance and Quality Control occurs during the development life cycle and after project completion. We are focused on assuring a completed project meets the client's true needs. Our quality control is based on verification and validation methods. After multiple rounds of testing, Helux deploys the code to a client's environment. Promotion is the final activity in a series of meetings and walkthroughs that culminate in the promotion of the code. The meetings and walkthroughs, though tailored to the needs of each client, typically cover the application deployment package, documentation and code requirements, a walk-through of the deployment process and scheduling needs for the promotion.

"The way Helux designed, developed and implemented our new system showed how an affiliation of specialists can work cohesively to deliver a solution that meets our business and technical objectives. "

Support

Helux services do not end post application deployment. Helux offers various Application Management and Maintenance services along with Hosting Capabilities. Helux also works with your organization to develop a customized Governance Plan in order to secure the ongoing success of your solution throughout it's lifecycle.