

LBi Development Methodology



AGILITY BUILT ON KNOW-HOW

LBi's software development methodology is incredibly agile and constantly focused on the user, while incorporating components from various standard methodologies.

Because we are small and focused – and because we have a dedicated team on each project from kickoff to post-implementation – we have the flexibility to tailor our methodology to each project.

Our User-centric Mindset

At the core of LBi's approach to every project is our user-centric mindset, driven by two fundamental commitments:

- Understand the client's business
- Involve the user from the first step of the project and throughout

The two are inextricably bound together. We are proud of our rich understanding and experience of HR technologies as well as HR processes. But it would be naïve of us to assume that a week, a month or even several months of learning your business and developing high-level requirements and functionality would give us every insight we need to develop the right system for each unique client.

That's why we build into our process a mechanism that uncovers any design elements we may have ignored, missed or misunderstood. This mechanism is nothing less than involving the user in each step of the process – from the project start when we "learn the business," right through implementation and follow-up.

*The two are inextricably **bound together.***

The Four-step LBi Development Methodology

The four-step LBi methodology:

- Combines elements from Extreme Programming (XP), Agile Unified Process (AUP) and Rational Unified Process (RUP).
 - Leverages the customer and stakeholder focus of XP, the artifacts of AUP and the attention to detail of RUP.
 - Emphasizes an in-depth understanding of the client's business and its users throughout the project, from inception to transition.
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Step 1 – Inception

We identify the application's scope and learn your business environment.

We learn your motivation for developing the application, its anticipated need to be expanded, any compliance issues involved and any Service Level Agreements that apply.

Step 2 – Elaboration

We select the appropriate architecture and design a prototype of the interface.

At this stage, we also separate the project into small, functional units. Depending on the application or project, these may be modules, sub-modules, reports, screens or any combination of these "bite-size" pieces of the application. Each unit must perform a function that can be delivered to the user.

Step 3 – Construction

We perform the following seven steps for each functional unit identified during Elaboration, with each one having its own mini life cycle. Continual feedback from the user is encouraged.

These steps are repeated over the life cycle of the project:

1. *Requirements Gathering* – user meetings, use cases
2. *Preliminary Design* – workflow, sequence diagrams
3. *Prototyping*
4. *Specification and Design* – class diagrams and modeling
5. *Development and Testing*
6. *Delivery to Staging Area*
7. *Quality Assurance (QA)*

Step 4 – Transition

Final QA, including regression testing, followed by delivery to the application's production environment.

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About LBi Software

LBi Software provides precisely engineered, customer-focused human resources technology solutions developed from more than 30 years of experience in HR technology and HR processes. Our flagship solution, LBi HR HelpDesk, is an innovative case manager and call-tracking workflow solution that creates a rich and powerful knowledge base on the fly. Our organic belief in – and solid reputation for applying – a true client-vendor partnership on every project ensures a highly configurable solution designed to put the power in the hands of the employee. In addition, every LBi project is supported by our rich experience and expertise in Mobile Development, Business Intelligence, Data Warehousing, and Reporting and Analytics.

LBi Software is headquartered in Woodbury, N.Y., and is online at LBiSoftware.com.

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