

# Kuali Nervous System

## Purpose

The Kuali Nervous Systems provides a solid framework for building the Kuali suite of financial applications.

## Components

Component	Version	Notes
[Lookup Framework]	1.0	A mechanism that can be re-used or extended for all lookup screens (i.e. Account lookup)
[Inquiry Mechanism]	1.0	A mechanism that can be re-used or extended for all querying (i.e. Object Code inquiries)
[Maintenance Framework]	1.0	A mechanism that can be re-used or extended for maintenance screens (i.e. DVPR, Account Maintenance).
Accounting Line Structure	1.0	A generalized business object to represent an accounting line and any children that can extend it, JSP code that can be used as an include. We already have a prelim structure from KTC 1 to go with.
[General Ledger Pending Entry Structure]	1.0	We already have a preliminary structure from KTC 1 - we need to concentrate on the services and dao calls. Finalizing the structure should be left up to the GL team.
[Transaction Processing Core Kuali Nervous System Transaction Processing Core]	1.0	Reusable services, objects, etc.
[Database Component]	1.0	A simple set of scripts to quickly set up a sample database for Kuali.
[OLTP Document Scheduling]	1.2	A component that allows users to schedule one-time and recurring documents. <b>Hold off on for now. This will be needed when we get to the development of the JV.</b>
[Authentication Component Technical Specification]	1.0	A pluggable component for doing authentication.
Authorization Component	1.0	A pluggable component for doing authorization checks - user, group, and workflow levels.
[Workflow Components]	1.0	A pluggable component for interacting with OneStart. This also includes the Action List, Document Search, and Document Select screens that use these features which already exist in OneStart.
[Document Notes]	1.0	A generic data structure that allows for notes to be attached to any financial document.
Attachment Mechanism	1.2	A data structure and supporting services that allow for attaching documents to any financial document.
[Balance Inquiries]	DSS Responsibility	We need to think about which technologies to use for this... JSP? XML/XSLT? This needs more attention eventually.
[Base Mockups]	1.0	A series of HTML mockups and templates that the Kuali team can use for building the application.
[Accounting Line Import Component]	1.0	A generalized mechanism that will allow loading of accounting line distributions into any e-doc.
[Customization Components]	Data Dictionary - 1.0, Custom Attributes - 1.0, BR Customization - 1.2	Table driven business rules, data dictionary, custom attributes...
[Validation Framework and Standards]	1.0	A general set of guidelines for programmers to follow (patterns) for doing validation (i.e. where do we put validation rules? when do we place them here vs. there?, etc). Much of this is handled by the data dictionary
[General-purpose Question Component]	1.0	A general component for user interaction to ask a question and get the user response. It should include mechanisms to generate HTML, to dynamically create a question and a list of corresponding responses, and to pass back the response to the calling action.
[Kuali Tag Library]	1.0	Several tags that are used to make JSPs includes cleaner