

New System Proposal

Introduction

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Architecture

User Interface

1. Rich User Interface
2. Wizard Flow
3. Browser Support
4. Mobile Support

Engine Components

Common

1. Internationalization
2. Search
3. Password Recovery
4. Reporting

Specialized

1. File Upload
2. Scanning
3. Workflow
4. User Management
5. Email Notification
6. Indexing

Nice to Haves

1. Knowledge Based Help System

Security

1. Single Sign-On
2. 2-Factor Authentication
3. Role/Group Based Security

Business Functions

1. Bill Payment (Transaction)

Administration Functions

1. User Management (add, edit, de-activate, delete, recover)
2. Self Registration
3. Batch Client or Server

Backend

1. Database
2. Logging

Integration

1. Files Transfer
2. Web Services Client or Server
3. Message Queue

Compliance

Standard

1. Audit Logs
2. Encryption
3. Data Retention
4. Monitoring

Advanced

1. [SOX](#) (Sarbanes-Oxley Act)
2. [PCI DSS](#) (Payment Card Industry Data Security Standards)
3. FATCA

Standards

1. JEE
2. W3C
3. WAI

Availability

1. Load Balanced
2. Hot or Cold Standby
3. Disaster Recovery
4. Reporting