The IOU platform must accurately, automatically perform loan qualification and approval according to a set of health indicators, and subsequently administer the loan portfolio in an optimum fashion.

IOU Software Architecture

* Ruby on Rails - eases maintenance and extensions
* MVC with CSS - easy layout manipulation
* AJAX – better web experience for users
* OpenID – easy sign in
* Multilingual support
* Designed for Scalability
* Scaling out by adding more servers (Shared Nothing Architecture)
* Handle High Load using Caching
* Architected for Maintainability
* Integrated testing, deployment, database

IOU has developed the accounting software to process electronic cash movements, record book entries and calculate cash balances in our registered lenders’ funding and borrowers' accounts. We process electronic deposits and payments by originating ACH transactions. IOU software will put these transactions in the correct ACH transaction data formats and will make book entries between individual registered borrower and lender accounts