

PLATFORM DEVELOPMENT USING AGILE

Client

Leading mortgage insurer with their expertise in Sales Consulting to Underwriting and from Risk Operations to Policy and Loss Mitigation.

Business Challenges

- The customer had an origination system. The focus was to build the Servicing Platform first.
- They needed a comprehensive mortgage insurance platform encompassing insurance origination, servicing and delinquency/claims management
- The time-to-market was critical along with a quick rollout.
- Designing and developing an application platform that is extensible for future needs
- Migration of Data from Up-Stream systems

Solution

- Using Agile Development Methodology, Tavant created the Mortgage Insurance Platform with an initial rollout in 5 months and next major rollout in 3 months:
- Built the platform with emphasis on data model-based design to enable extensibility in the future.
- Used Tavant's HTML/JavaScript-based rich user interface; enabling accelerated development. HTML platform will enable easy device support in future.
- De-duplication on prestaging environment
- Tavant played the role of Agile Coach. Conducted agile training for Stakeholders and guided the entire team through the process for the duration of the project.

Solution

- Online Agile lifecycle management tool was used to provide visibility of project progress on daily basis to all stakeholders.
- Test automation using Tavant's FIRE framework
- Data profiling on DME database, mapping with downstream master data.
- Used distributed database transaction using SSIS and Script components
- Selective update functionality-Validation with downstream system before update and introducing record locking mechanism.

Benefits

- Agile development methodology enabled Servicing and Claims functionality to be available in production within a timespan of 5 months. (1200 story points in 5 months!)
- Entire DME solution was developed in 2 sprints (~6 weeks)
- No vendor lock in because of open-source stack hence leading to lower maintenance costs