

Success Stories

Designed & Developed a prototype of Procurement portal via Market intellect's Idea to IP in 60 days





Our customer wanted to develop a procurement portal for purchase division and their authorities in a city and customized data analytics component to employ data driven insights for the city head. Their top challenges included fostering a culture of data driven decision making with the purchase division authorities from various administrative institutions of the city and to map the distributed revenue stream in all the purchases made by far. Hence a procurement portal with robust frameworks that enables the authorized seller to publish their service offering and the buyers from different purchase divisions to purchase supplies for their institutions complying with the city procurement policies and procedures was developed to streamline and optimize the procurement practices.

Market intellect provided the guidance and challenged the customer with our homegrown, Idea to IP in 60 days development model to develop their Minimum viable product which comprised of 20% of the core business functionalities that could make them market ready in a competitive time frame. This persuaded the customer to partner with us and the development strategy Market intellect proposed comprises of requirement gathering, user interface design, development, testing and deployment within the committed span of 60 days as one milestone.

The portal development begun instantly after prioritizing the user stories developed along with the acceptance criteria to ensure the functionality sufficiency and to retain the backlog value nil throughout the development of MVP.

A high-fidelity prototype of the procurement portal was developed and reviewed with the customer to avoid design level changes that usually surfaces up later and ends up as a roadblock to agility of the development. The application frontend was developed with Angular 7, HTML and CSS and hosted in AWS and for the analytics component which required different graph models we integrated it with chart.js which renders engaging graphs and through continuous integration & automated testing the delivery deadlines and code effectiveness remained uncompromised.

As a result of this development Market intellect was able to accomplish the below,

-  Guided decision making replaced random and repetitions in purchase patterns
-  The seller profile, reviews and ratings, inventory capacity becomes transparent which brought down the turnaround time involved in placing product enquires with multiple sellers
-  Compliance stringency increased 3X compared to the earlier purchase behavior
-  Granular level data insights and expenditure monitoring made possible for the city head
-  Quicker UAT phase with all acceptance criteria signed off
-  Positive feedback loop between the stake holders and the developers making further code enhancements and iterations less cumbersome.