Abstract - The Production Enterprise Phase 2 project aims to improve the performance, features, and user interface of the web application. Front-end developers will remaster some features using Vue Js, fix bugs, and accommodate change requests from users. The priority is to improve user experience, responsiveness, and cross-device compatibility. Overcoming the challenges of learning Vue Js with online courses and library exploration is recommended.Production Enterprise Phase 2 project aims to improve the performance, features, and user interface of the web application. Front-end developers will use Vue Js to remaster features, fix bugs, and accommodate change requests. The main focus is to improve user experience, responsiveness, and cross-device compatibility. Engineers will conduct pre-task exploration, with progress recorded in an excel file to measure adherence to the timeline. Tasks were grouped by difficulty, allowing for replacement of workers when necessary to keep the project progressing. The project involved replacing jQuery code with Vue.js, adding CRUD features, filters, and integration with endpoints. Key challenges included layout adjustments, functionality issues, and incompatible communication with the backend. Inventory reports were also updated according to specifications with the addition of refresh and export buttons. Front-end application development suggestions involve technology updates, advanced testing tools, caching, and regular security. It is recommended to keep up with technology, improve debugging, optimize caching, and run security tests regularly to improve quality and innovation in web front-end development.