Small Scale company losses customers due to lack of systematic planning and control of working. They fail to delivery orders on time due to manual control over production process and cannot quickly estimate the product/order delivery time and calculate the cost options for making decisions. Inefficient supply planning and no operational information about the status of stocks in the warehouse lead to poor manufacturing practices. Therefore we developed an application called OptiSync to solve above mentioned problems.

OptiSync allows management to check status for the current orders being executed, raw material entered in vicinity of the company is digitalized and will help overall stock analysis. STracing of the parts in production is made easy with detail report of the parts being produced. Data generated in quality control for manufactured product is monitored with help of our application. Our application will help to track delivery and dispatch of the products manufactured. To help achieve this we have different modules such as manager, vendor, storage, production, assembly, quality and dispatch.

A manager who wants to use our application needs to complete the registration process, select plan and complete setup. After which different stake holder will be utilizing our application. A manager can push a new order and dependent stakeholder such as storage and vendor can give input of the required time for availability of required stock which can interim help manager to give temporary deadline for the delivery of products.

OptiSync uses MySQl as backend technology to store its data, ReactJS as frontend technology for client-side development. Spring Boot (Java) which is the primary and ASP.net (.Net Core) which is secondary frameworks tools for developing Web Application.