The first step in implementing the devops on a company is understanding how to start. The time constraints wont allow us to have a deep study on this. To start with we only have a fresher who zero experience and a senior employee with nearly 20 years of experience. Jalen wont be knowing about devops or even modern software development methodology.

1. **Introducing devops initiatives**

Most of the stakeholders of the company and products we make is mostly known to old technologies. We need to make aware the team of this new initiative and its benefits. We need to understand the stakeholder how we will be benefitted economically and technologically with the implementation of devops . A all-hand meeting can be setup for an interactive Q&A session on this because everybody may not be welcoming the changes in the work. They should know that devops is not about new technology or losing their job rather it’s an adoption of new culture of software development. I can start from my team mate Jalen who was working in the old technology for most of his lifetime. I could convince him about the changes and how

1. **Requirement analysis**

Most of the employee have left because of the economic boom. The product which we produced are outdated. With Ren in the team we can get a clear picture of the existing product and the core principle followed by the company. Ren can give us how the products where developed , which all teams worked for this and the methodology they followed. Even tough the products and older teams doesn’t make any sense, we can develop the root of the strategy for modernisation. This could help us implement the new culture slowly which wont cause any chaos inside.

1. **Infrastructure revamp**

Developing a new infrastructure is an very important factoring in modernising products and services.For Developing a new modern infrastructure we can use IaC concept. We can create a standard infrastructure in AWS so that it can help with scalability of the company in the future and also its very cost effective method. Over the top we could get security provided by AWS itself without incurring extra cost. AWS gives all tools for version control, code build,test automation and CI/CD pipeline. With a good infrastructure planning we can implement these resources effectively One of the first things that we would do in a devops infrastructure revamp is to set up a continuous integration and continuous deployment pipeline. This would allow us to automatically push code changes to our servers and keep our infrastructure up-to-date. We would also set up monitoring and logging to help us keep track of our infrastructure and identify any potential issues. And we would automate as much as possible to make our infrastructure more efficient. Infrastructure will take more time(3-6 months) as we need to build from the scratch the whole thing. Most of them are new to the structure so training should be given for them to familiarise.

1. **Bring in Agile**

Agile methodology help in smoother and easy implementation of devops.The more beneficial thing about agile in this scenario is that it will help boost the collaboration between team rather developers and testers . Developers and tester should work together devops to function and agile helps in this. Also setting up scrums meeting and sprints allows to keep track of the progress of the projects and helps the stakeholders to be motivated towards the product.

Timeframe: Establishing agile to will be a

1. **Showcasing the stakeholders**

The purpose a company is built on is business. Only good business will bring in money for the company. With the starting of the modernisation we can showcase ourself to the clients and outside business world that we ae adapting to the new technologies. There may be old trustworthy clients who sis still looking to do business with our company but rather backed down because of the older technologies we follow. We can also attract new business for the future

Chart, diagram, funnel chart

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