**Objective**

The objective is to deliver a payment platform which is scalable. The platform has to be developed using micro service architecture. The delivery will be done by the agile team hence the agile principles will be followed for successful delivery of the project.

**Responsibility of Each Role**

1. Tech Lead

Tech lead is responsible for managing technical aspects of software development flow. He has to mentor other developers in technologies, languages and framework. He has to contribute to the development of product technical design. He ensures development team makes progress.

1. Developers

Developers are responsible for researching, designing, implementing and managing the platform. They have to write and implement efficient code. They have to determine operational practicality. They have to work closely with other developers, QA Engineer, Tech lead, devops engineer and support engineer.

1. QA Engineer

The person has to plan the process of testing. He is responsible for creation of test cases, execution of test cases. He has to check if the product complies with the requirements. He has to report all the defects and communicate with the developers for defect closure.

1. Devops Engineer

Devops engineer is responsible for setting up tools and required infrastructure. He has to monitor the process during the entire lifecycle for its adherence and updating or creating new process for improvements and minimizing the wastage.

1. Support Engineer

The person is responsible for research and identify solution to software and hardware issues. He will diagnose and troubleshoot technical issues including account setup and network configuration.

**KPIS need to put in place to ensure objectives can be achieved successfully**

**Quality of Work**

The less number of incidents, critical bugs, regressions could mean the team is doing quality work.

These can be measured by below parameters.

1. Incidents

These can be bugs or something that happened that degrades system performance.

1. System Downtime
2. Critical bugs
3. Regressions
4. Unexpected events
5. Bugs monitoring
6. Performance monitoring.

**How would you measure KPI**

Key performance indicators are metrics used to periodically track and evaluate the performance of business or project towards achievement of goals.

The below factors has to be considered while setting KPI for all resources

1. Fundamental goals that each resource has to achieve.

2. Strategy to meet the objectives.

**How would you share KPIs result to team and the management?**

Google Analytics can be used to track the data and share it across the team and management.