Intern Requirements

***Description***

* Investigate different logging system and find out the most suited logging system for falken project
* Replace existing logrus logging system with new logger module
* Extend the new logging module with new features if its not present in the system already.
* Investigate the performance overhead of using grpc messages in falken system
  + Need to verify failure scenarios such as sdk/app failure, agent failure, network failure/congestion and the controller failure.
* Prepare documentation on
  + Falken code base, modules and their interaction
  + coding guidelines and contribution guide for Falken codebase
  + Falken sdk integration guide for service teams
* Prepare the performance report for agent, sdk and controller(low priority and can do if there is time left)

***Requirements***

* Eager to learn about software development life cycle of large scale cloud solutions
* Experience in programming language: **Python, C, C++. Golang** is a plus.
* Basic understanding of cloud technologies and solutions
* Hands-on experience in cloud such as Microsoft cloud, AWS, Google Cloud, etc.
* Team Player
* Excellent verbal and written communication skills
* Open to Bachelors, Masters, and PhD students in the final year