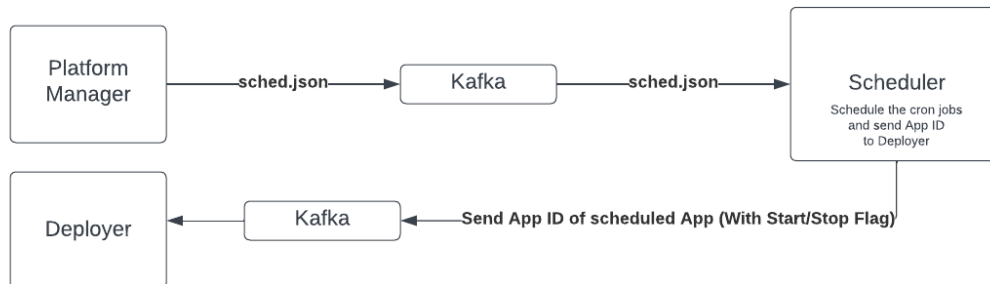
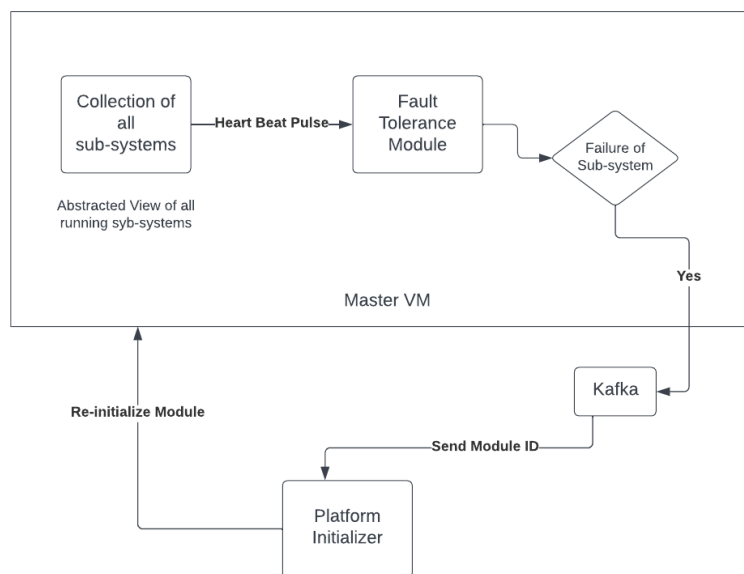


IAS
Group 2
Team 3

Scheduler:



Fault Tolerance:



The scheduler model fetches the App ID of the application to be scheduled. In case the platform is just initialized, the scheduler asks for the scheduling information of all the apps present in the DB from the platform manager and schedules them. The platform manager sends the sched.json of the particular application to the scheduler via kafka and the scheduler schedules the cron jobs and applications. The scheduler sends the App ID of the scheduled entity to the deployer via kafka.

The Fault Tolerance module refers to the monitoring of all the subsystems running on the master VM (main machine). The sub-modules generate a heart beat pulse and maintain logs, to signify their proper working. On any observed discrepancy from any module, the module ID is

shared with the platform initializer, who then restarts the module after a temporary halt in the operations.