

## Final project

### Brief

Our client is trying to build an automated bug triaging system for every system within their organisation. The systems should all be able to hit an the same API which will then forward it onto the right destination.

Requests will be stored in queues in order for the system to have a greater level of resiliency.

You can categorise the bugs however you wish but highest priority bugs will be queued and then sent to SLACK to notify the right team chat that they have an issue -> SAP team for SAP issues etc. The assumption is that all channels will be premade and not need to be made through the API call.

All other bugs will be added into the Jira project backlog. With associated metadata.

All requests to the system that do not confirm to your bug priority scale will be logged in a log file.

Any bug that doesn't get triaged correctly will be dequeued and emailed to the support team (your email). Use standard components where available and ensure that it is build, deployed and managed using as much IAC as possible. You may select your own tooling. A possible architecture solution is in the diagram below.

