# Notes

* Provided action can be used for single and batch processes.
* Error handling designed to be used by both admins and developers by simplifying to make it creating an error log object.

# Improvements

* For unit test of API, mocking framework with Stub API would be better. I did not have enough time to adapt it to the challenge.
* Error handling is simple error log creation, admins can use the create record action inside the flows – however, this could have been put a framework to unify both flow and apex error logging logic.
* For error handling, dedicated exception classes can be better to provide more granular visibility and reporting.
* Batch error log removal will be needed to open up storage to avoid snowball effect.
* This is also a limitation comes with the flow which will be mentioned on dedicated section – using apex to process batch records would be better in terms of processing capability.
* Flow design could have been better, unfortunately I don’t have extensive experience on the flow building.
* Error handling can be improved to detect which order cause issue. E.g. finding the accounts that does not have emails and highlight them – currently they are just being excluded from flow on the queries.

# Limitations

* Batch size of the flow better to set to 30 – this is not a limitation comes with the way apex action built but more comes with salesforce flows processing capability. With larger data sets (like million records) flows will not be a feasible option to use and scheduled batch could be better.