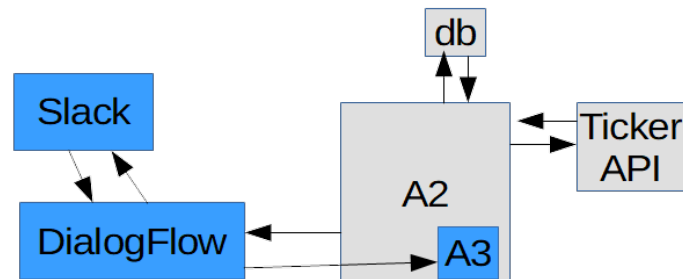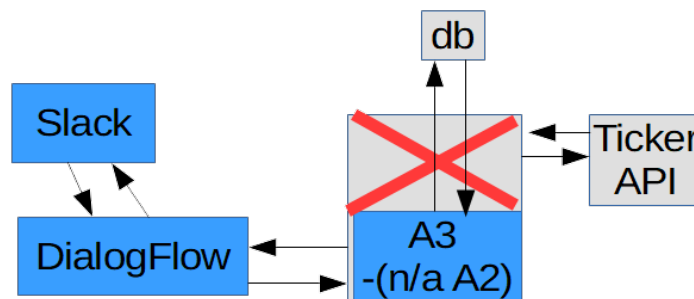Design discussion

We started work with discussion about how the service should be built. We choose Dialogflow integrated with Slack to send request and receive responses from the service.

As a first way to do it we considered adding a new request handler to the application from Assignment 2. We didn't like it because it would lead to a lot of unnecessary code beyond expected functionality.



The second approach could be similar, but with all unnecessary code removed. It seemed correct, but still the new service would have to have bigger code base to support updates of database, ticker request etc.



We finally decided that Low Coupling between services is important for us. That's why we decided to keep Assignment 2 app running unchanged. We created Assignment 3 app that awaits payload from Dialogflow, extracts currencies codes from it, and run /latest request with extracted data against Assignment 2 API. This allows us to keep service code simple and easy maintainable (easy to switch between Assignment 2 API's – we tested it for different versions)