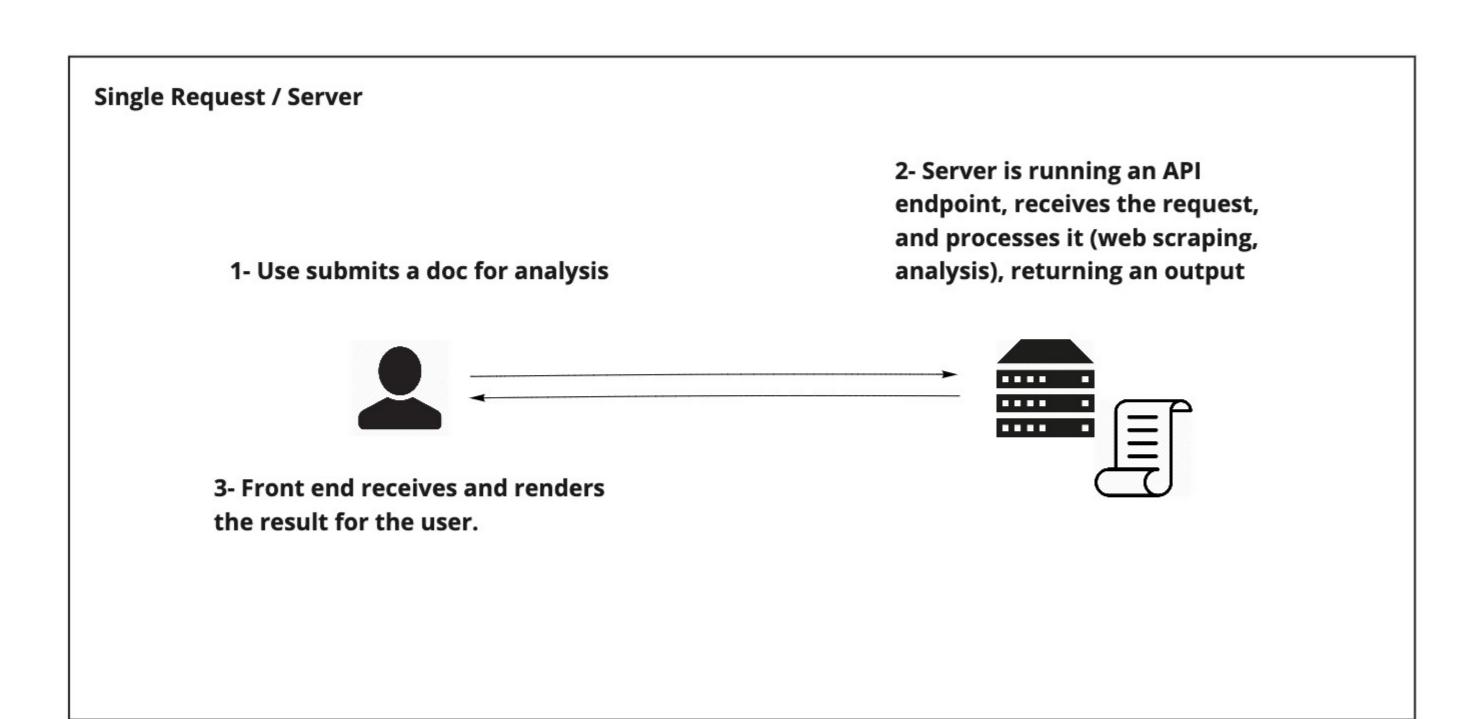
# **Architecture Ideas**for The Sentimentalists

Original Miro Board: <a href="https://miro.com/app/board/o9J\_klehSYw=/">https://miro.com/app/board/o9J\_klehSYw=/</a>

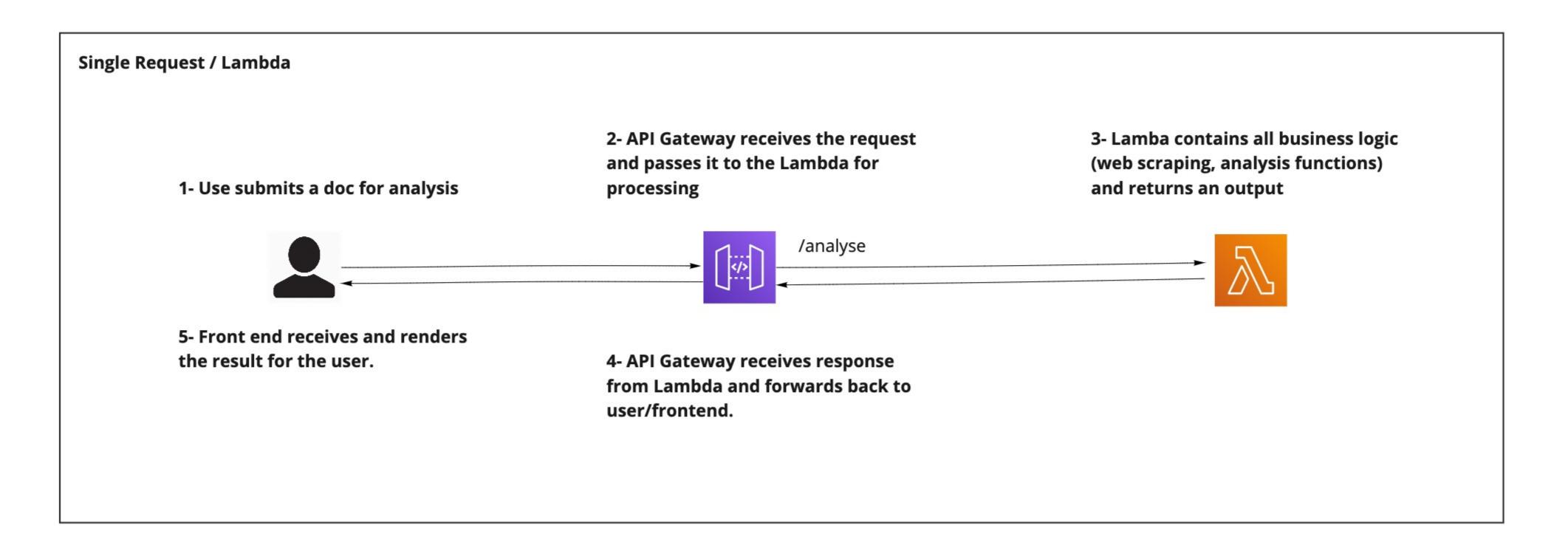




- One script
- Easily deployable on other platforms



- Have to write API handlers in python/java
- One codebase makes it harder to test/deploy
- Have to setup server/
- Have to pay for the server running

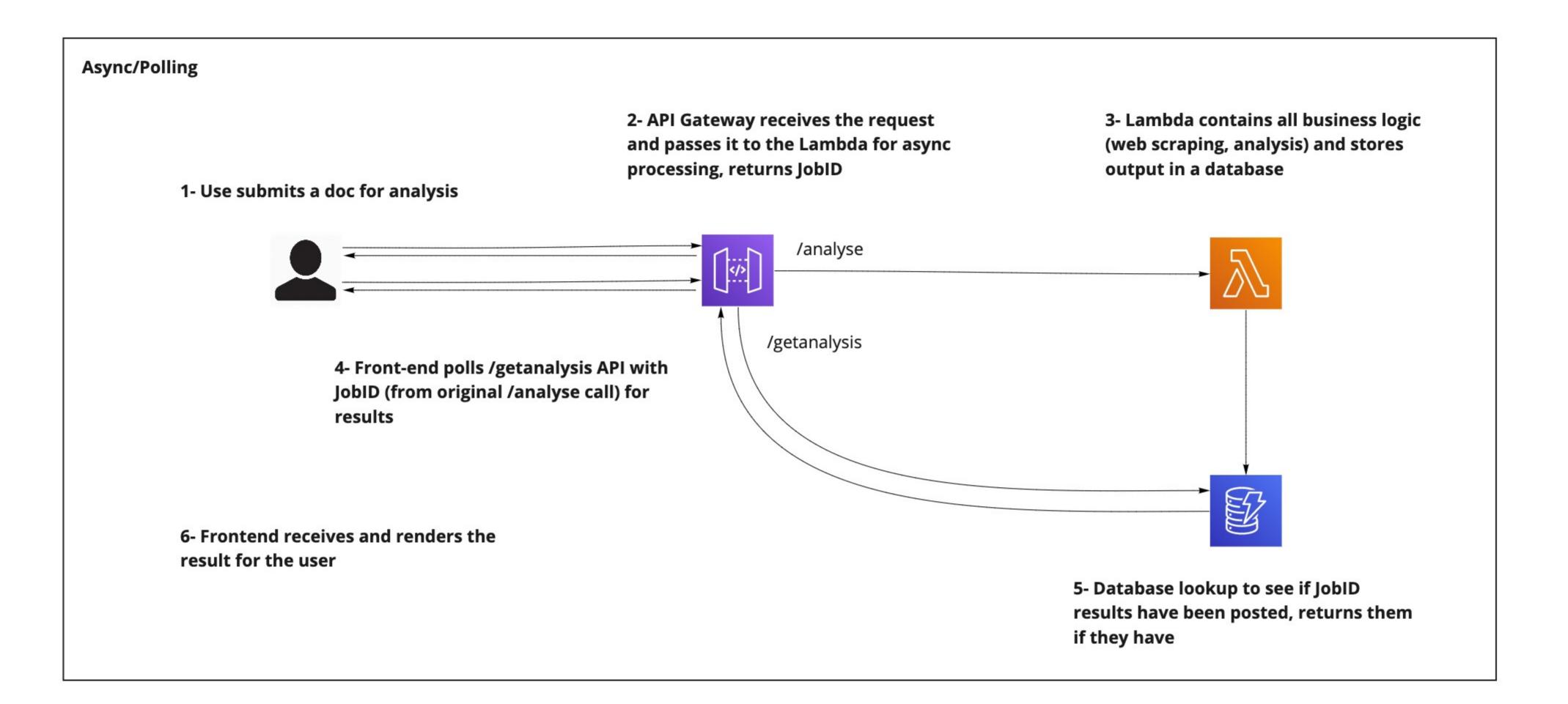




- Easier to get going
- Can mock APIs with APIG
- Don't have to build a server/template



- All business logic is in one long-running lambda (not parallel)
- Connection from frontend might timeout

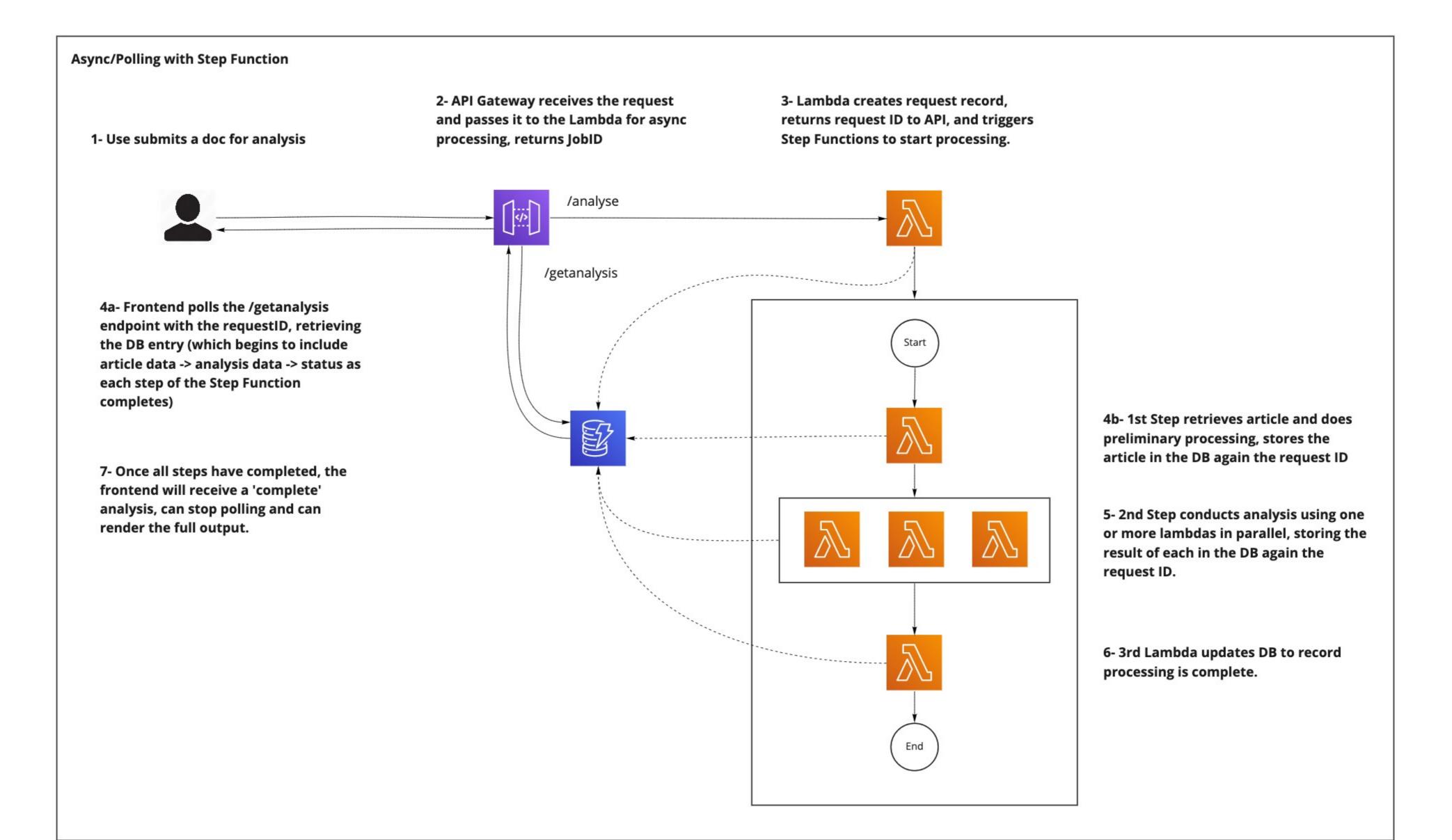




 Separates request submission from getting analysis data



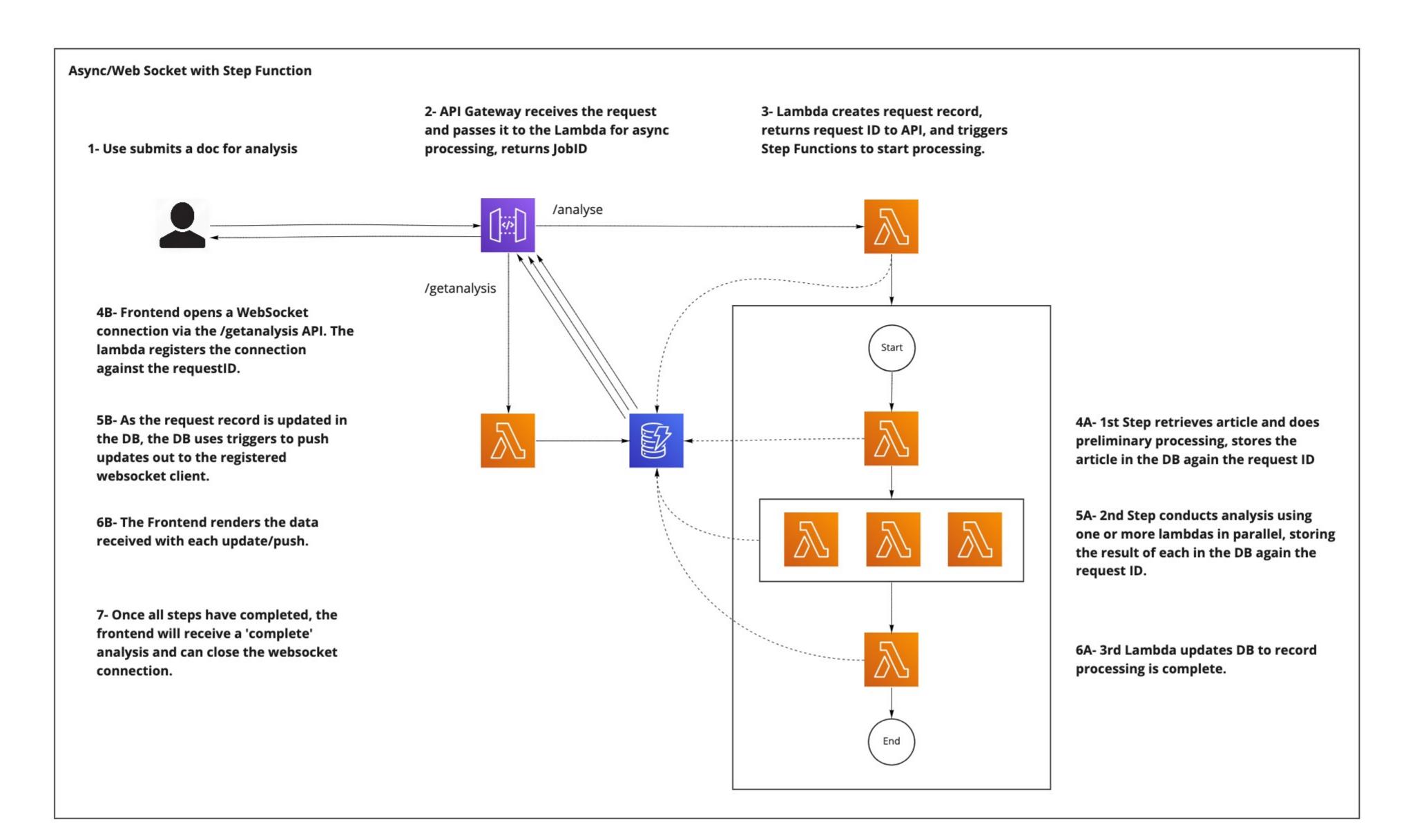
- All business logic is still in one long-running lambda (not parallel), meaning it might take awhile
- Polling connections are a bit gross, especially when scaling





- Each step of business logic is separated into a small/compact module (easily testable, changeable without affecting whole platform)
- Easy to add/remove modules to step function
- Analysis modules can run in parallel

- Polling connections are still a bit gross, especially when scaling
- Slightly more complex to setup each component





- As above
- No polling websocket delivers updates to the front end as they happen

 More complex to setup/deploy