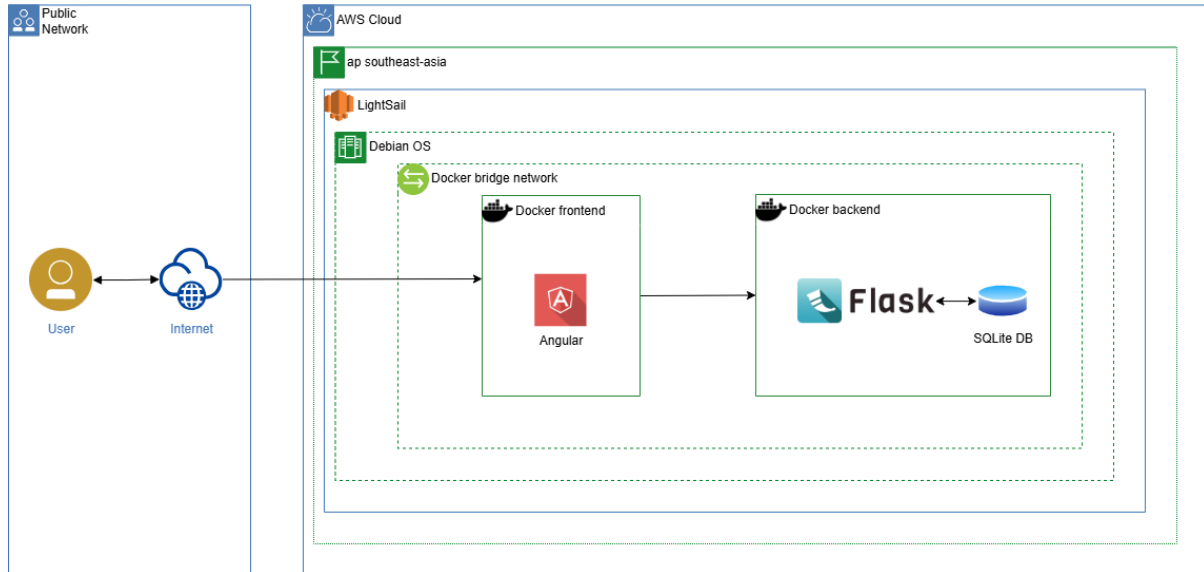


## Architectural Explanation for Whisper Transcribe application



### Assumptions:

1. This is a small application, so I've structured it simply like a very quick personal project.
2. It doesn't have load balancing or redundancies, etc that you would expect of a production application. However with a few small changes like adding a gateway, we could just provision a few more servers as backup or rapid scaling very quickly, as Docker images facilitates easy replication.
3. Using Lightsail because it's cheap, and also easy to provision. I just started experimenting with Lightsail right before this test so it came to mind first. Other alternatives like Hetzner, Azure webapp can be considered.
4. Angular was chosen also because of familiarity, though I was picking up React halfway before this test.
5. The region I used is SouthEast Asia because that's the region we're in, so it would provide the fastest response time. If we wanted a fast responsive app available globally, we would also have an instance in each different regions, ie. Europe, US regions. But that's more expensive, so not for a personal app.