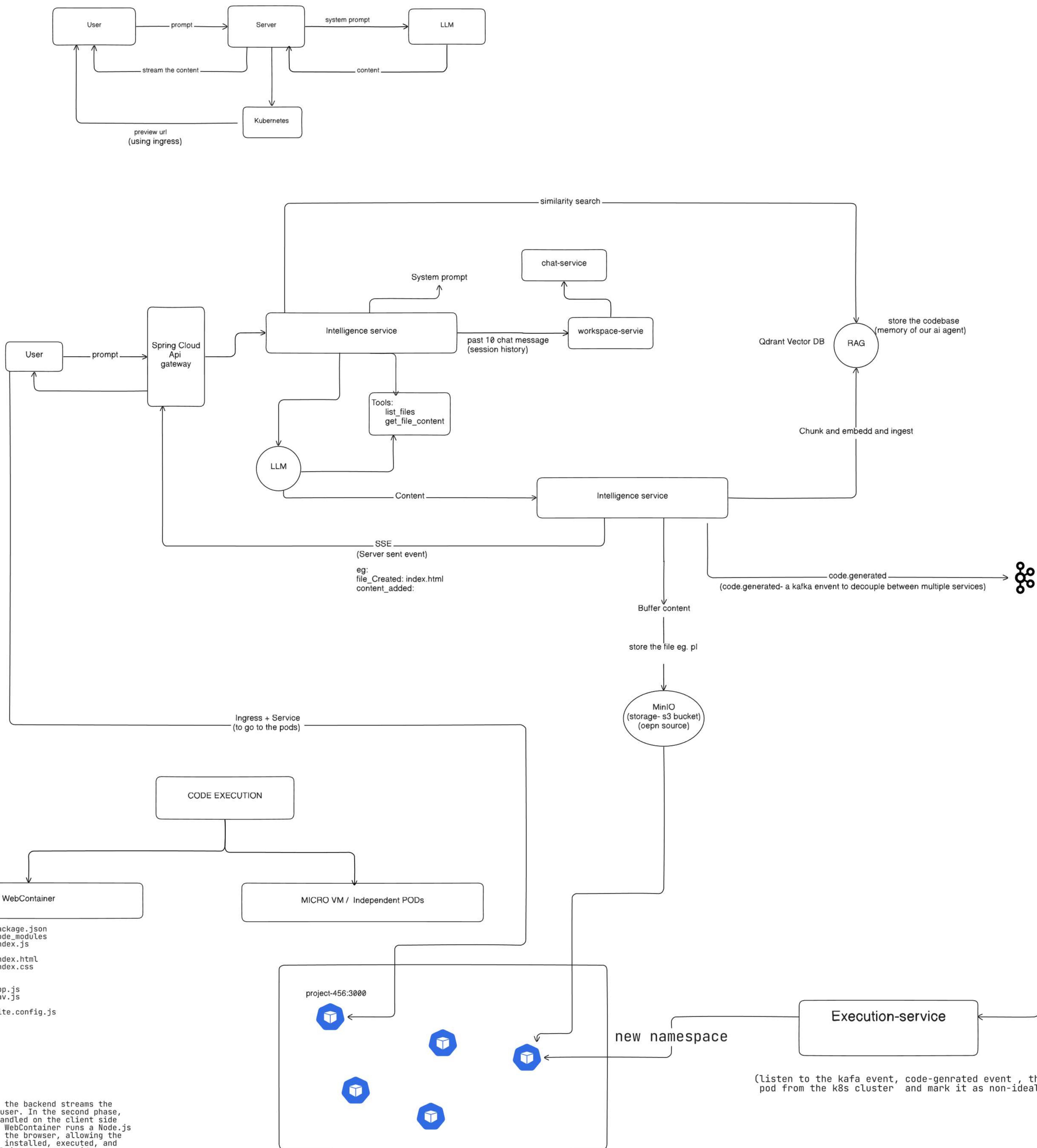


Lovable Clone Project



In the first phase, the backend streams the source code to the user. In the second phase, code execution is handled on the client side using WebContainer. WebContainer runs a Node.js runtime directly in the browser, allowing the streamed code to be installed, executed, and rendered without relying on server-side containers or virtual machines.

(listen to the kafka event, code-generated event, then find an ideal pod from the k8s cluster and mark it as non-ideal by assign a namespace)

Features:

Projects

- Create Project, Manage Project
- List Projects

Auth

- Login
- SignUp
- Get My Profile

AI Code Generation

- List Chat Sessions
- Create New Chat Session
- Load Full Chat History
- Chat Stream
- Retry if failed

Files:

- Get File Tree + Metadata
- Get file content
- Download All files as a zip

Preview:

- Get Project Preview
- Get Logs Stream

Additional :

- Payment - Stripe
- Quota Management
 - Plan: FREE| PRO
- Token used quota, previews running quota
- Rate limiting (maybe via Redis)
- Zipkin Tracing

Members

- One project to have many users

