**INTELLIGENT, AUTONOMOUS AGENT**

OPENAI\_API\_KEY - sk-proj-MrFZ0fOQ0fjjuLXKVAoat6cSY4ELNKp0XSetpQ658NFpN7BVokTskf2cdZJ4QdBHMYkuywR10wT3BlbkFJCRK3aU7CgllaHBLldTXx1u8SAjFmdVczVJMEMdvf8DFATE-CjiZnkTi9ZIbO8rcc4G8tAXl\_sA

<https://github.com/agno-agi/agent-app-aws>

* Use Agno framework and the pre-built agent (both FE and BE) from the above repo
* Goal is to refactor for multi-tenant support (agent for tenant\_1 will access tenant\_1 knowledge base only, likewise tenant\_2 agent will access tenant\_2 knowledge base only, tenant\_3, etc)
* Data-isolation is very critical – cross-reference or accidental access to other tenant data should be completely avoided.

**Week 1 sprint (by April 20, 2025)**

1. SUCCESSFUL TEST ON LOCALHOST
   * Simulate unique session for each tenant – assign UUID for each tenant in the simulation (tenant\_id)
   * Create unique folders and contents in each for RAG
     + Folder name should include tenant\_id
   * Successful test result:
     + agent for tenant\_1 only has access to tenant\_1 contents, and likewise agent for tenant\_2 only has access to tenant\_2 contents
2. SUCCESSFUL TEST ON AWS DEV ENVIRONMENT
   * Same test but in AWS cloud
     + Instead of local file folder, use S3 bucket and objects as file folders
     + Objects to follow the same naming convention as folders (should have tenant\_id)
   * Successful test result:
     + agent for tenant\_1 only has access to tenant\_1 contents, and likewise agent for tenant\_2 only has access to tenant\_2 contents

**Week 2 sprint (by April 25, 2025)**

1. SUCCESSFUL TEST ON SENSECLOUD DEV ENVIRONMENT
   * Same test but in SENSECLOUD AWS dev cloud

SENSECLOUD JWT PAYLOAD

{

"token\_type": "access",

"exp": 1742401850,

"iat": 1741797050,

"jti": "7077ca1877fa4179a411576247b74958",

"user\_id": "3269b450-05b5-48fb-bd91-00a615d3cae2",

"tenant\_id": "3269b450-05b5-48fb-bd91-00a615d3cae2",

"name": "New User",

"email": "user@compnay.com",

"avatar": "https://www.gravatar.com/avatar/2fd2ad770ba15167e2275df50100ea4a?s=128&d=identicon",

"role": "USER",

"last\_login": "2025-03-12 16:30:50.269757+00:00",

"email\_verified": true,

"subscription": {

"id": "sub\_1R2IAEAGYPx1d7J1XOCZ0aKN",

"name": "Essential Yearly",

"features": {

"line\_items": 30000,

"sourcing\_jobs": 2,

"ai\_agents": 1

}

}

}