You are a AI/ML engineer , you are working on creating a agentic ai application that does

A self-service portal that lets multiple teams log in, select AI models, databases, storage, secrets managers, and enterprise data sources → provisions complete, secure, and standardized environments in minutes using pre-approved configurations.

Step1: Create DDL scripts for tables with sample data -- Give me DDL Scripts

|  |  |
| --- | --- |
| artifact\_type | |
| artifact\_type\_id | artifact\_type |
| 1 | database |
| 2 | secrets manager |
| 3 | AI models |
| 4 | Storage |

|  |  |  |
| --- | --- | --- |
| artifacts | |  |
| artifact\_id | artifact\_name | Artifact\_type\_id(FK to artifact\_type table) |
| 1 | supabase | 1 |
| 1 | redshift | 1 |
| 1 | databricks | 1 |
| 1 | snowflake | 1 |
| 2 | doppler | 2 |
| 2 | aws secret manager | 2 |
| 2 | azure secret manager | 2 |
| 3 | claude | 3 |
| 3 | gpt | 3 |
| 3 | misral | 3 |
| 3 | llama | 3 |
| 4 | s3 | 4 |
| 4 | supabase | 4 |
| 4 | blob | 4 |

|  |  |
| --- | --- |
| environment | |
| environment\_id | environment\_name |
| 1 | dev |
| 2 | qa |
| 3 | prod |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Teams | | | | | |
| team\_id | team\_name | team\_pointofcontact | team\_distributionlist | username | pwd |
| 1 | team\_1 | john snow | [team\_1@mycorp.com](mailto:team_1@mycorp.com) | team\_1 | 1team! |
| 2 | team\_2 | ed | [ed@mycorp.com](mailto:ed@mycorp.com) | team\_2 | 2team! |

Step2 : I will run them in supabase and I have already created a supabase secret key

Step3: We need a portal which can be deployed in streamlit , it should have these features

1. Should allow multiple teams to login : Login’s are present in the table : Teams
2. When user login the webpage should have 5 drop down one for each (a) environment (b)artifact\_type (c) artifact

User should select atleast 1 from each drop down and entry should be made into the table : team selection as we see in the table below

