

UTS Modul 6 : Enterprise Development Software

Nama : Della Febriana

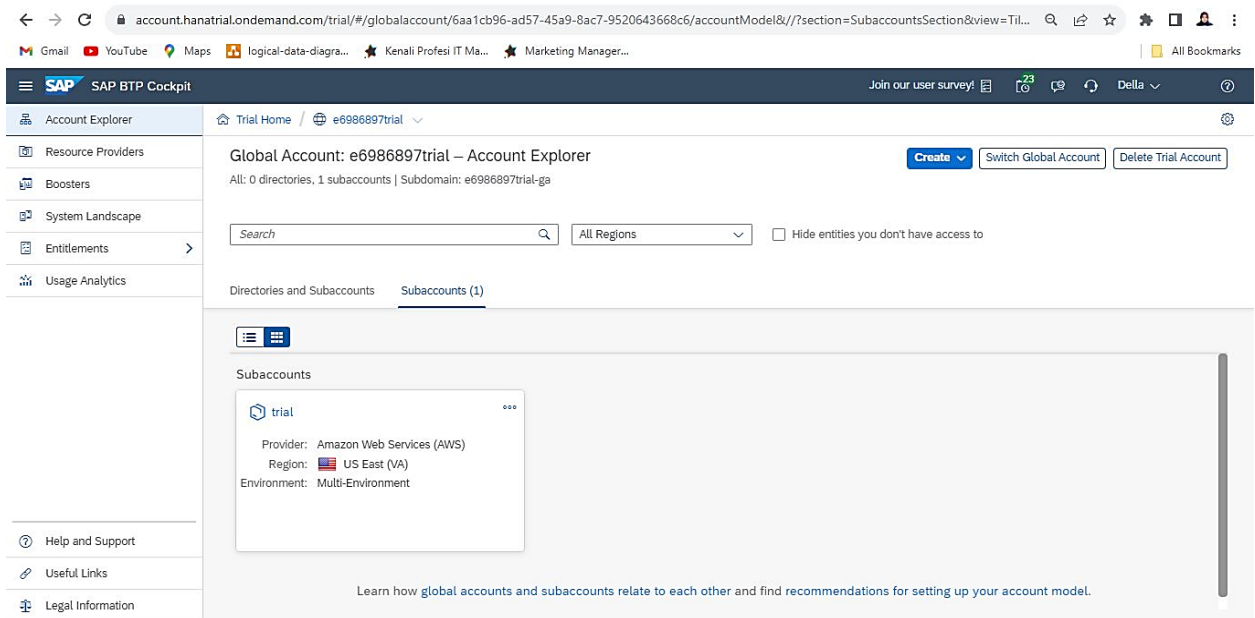
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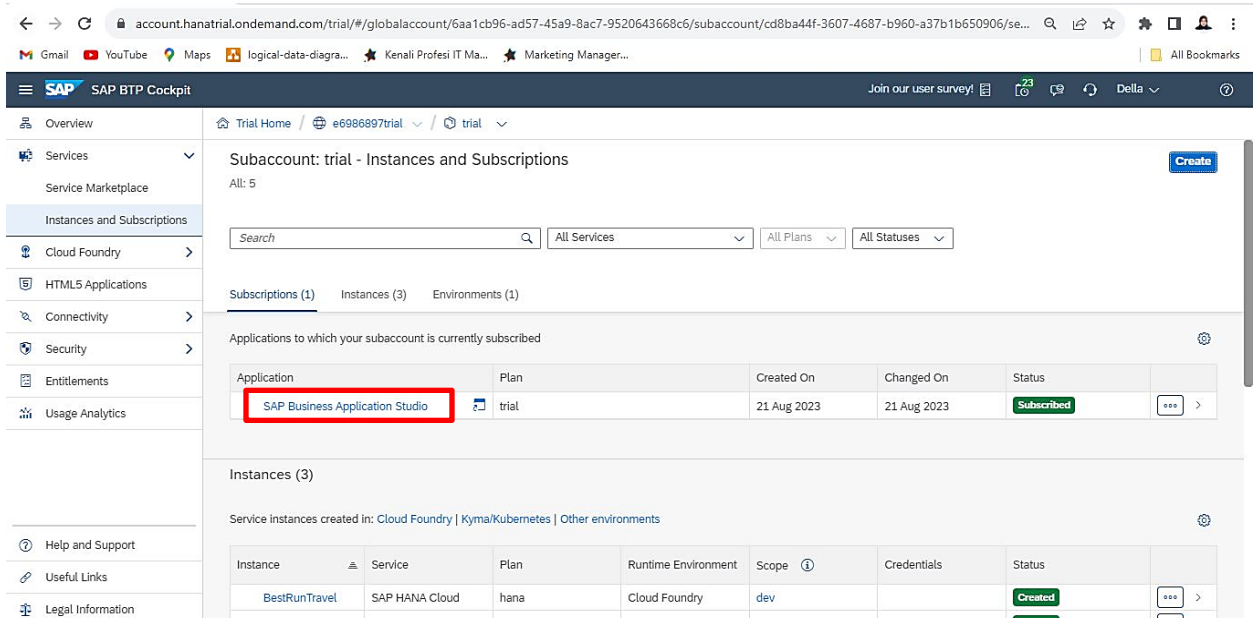
Modul 6 : Setting up your first HANA project in SAP Business Application Studio

Hasil mengikuti modul 6, sebagai berikut :

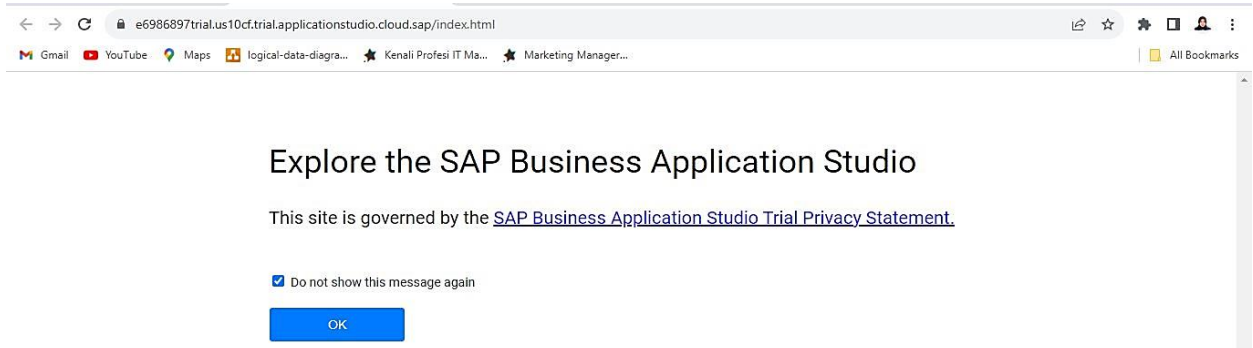
1. Login ke SAP HANA lalu klik ke Subaccounts Trial, seperti tampilan dibawah ini



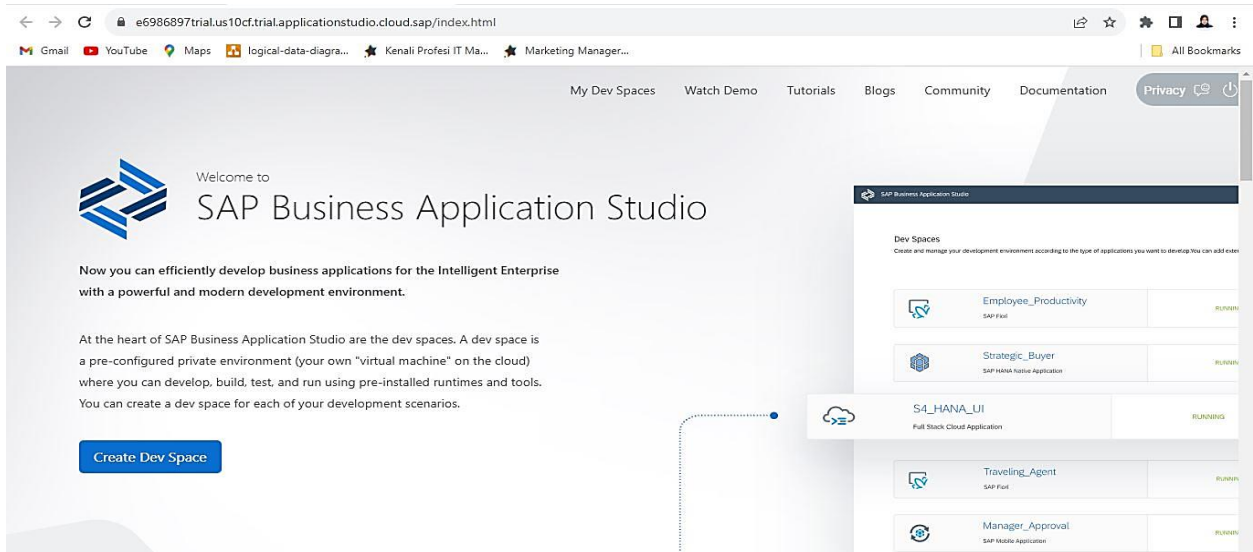
2. Pada sidebar, klik menu Services, pilih Instance and Subscriptions, lalu klik SAP Business Application Studio



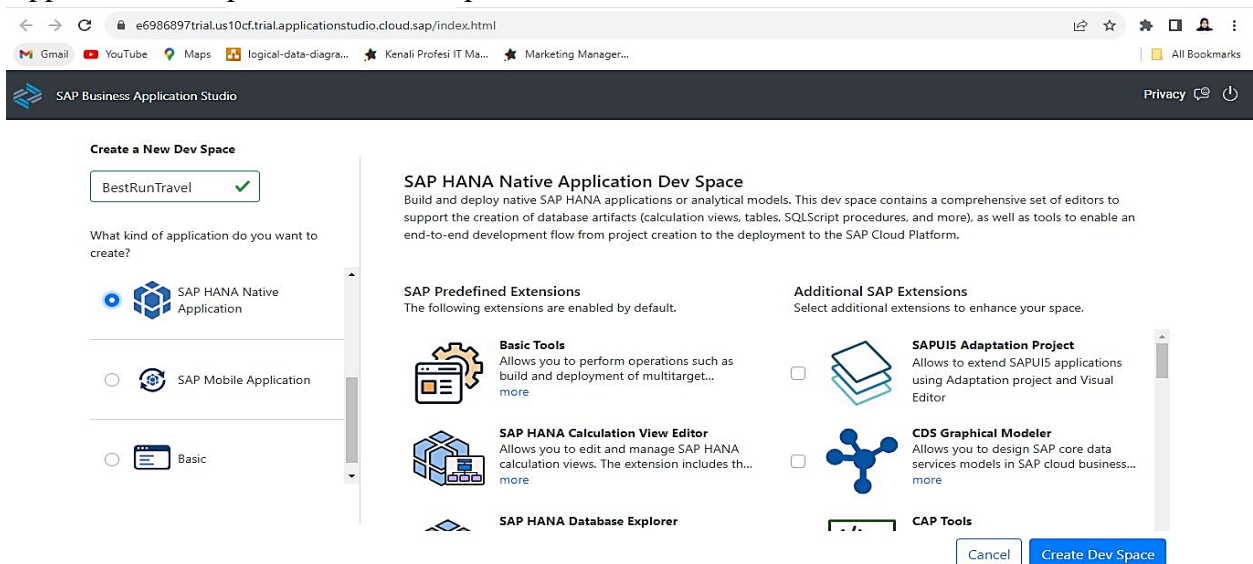
3. Akan tampil halaman seperti dibawah, kita harus accept a privacy statement sebelum lanjut. Lalu klik OK



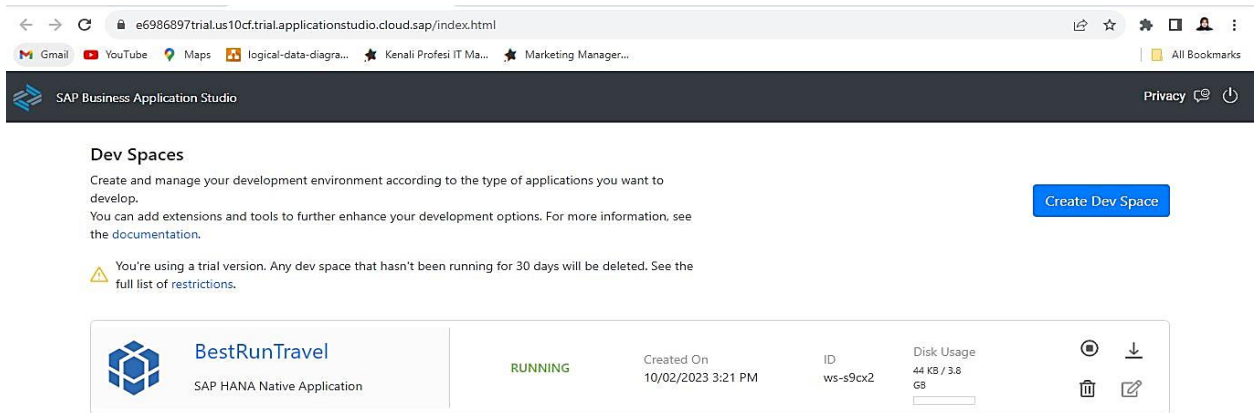
4. Kemudian lanjut ke langkah membuat Development Space, seperti gambar dibawah ini klik Create Dev Space



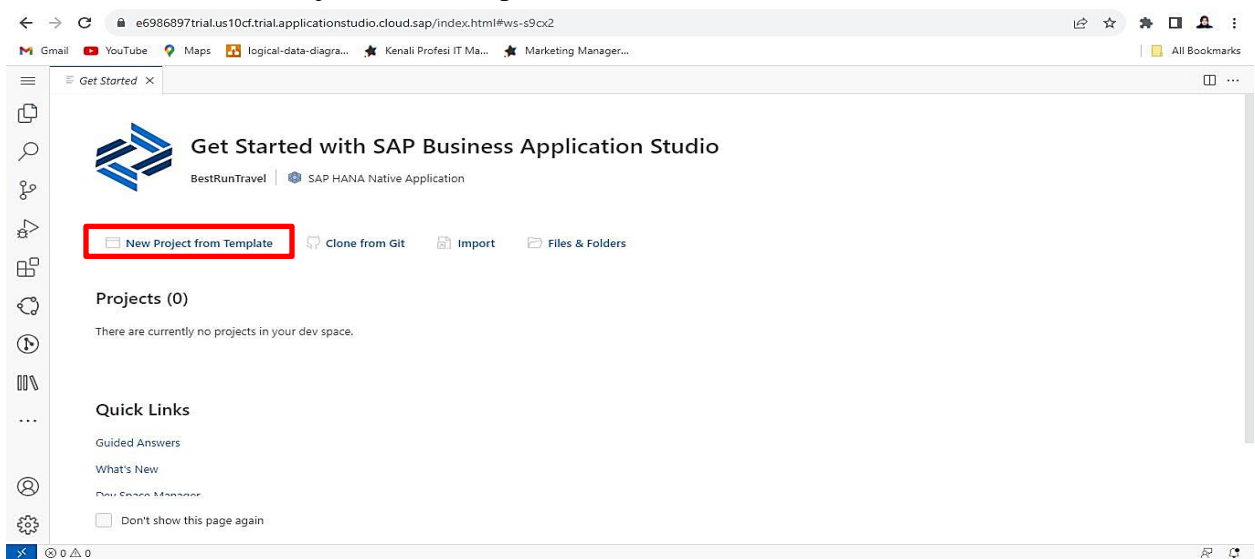
5. Kemudian berikan nama untuk Dev Space tanpa spasi. Lalu pilih SAP HANA Native Application, dan pilih Create Dev Space



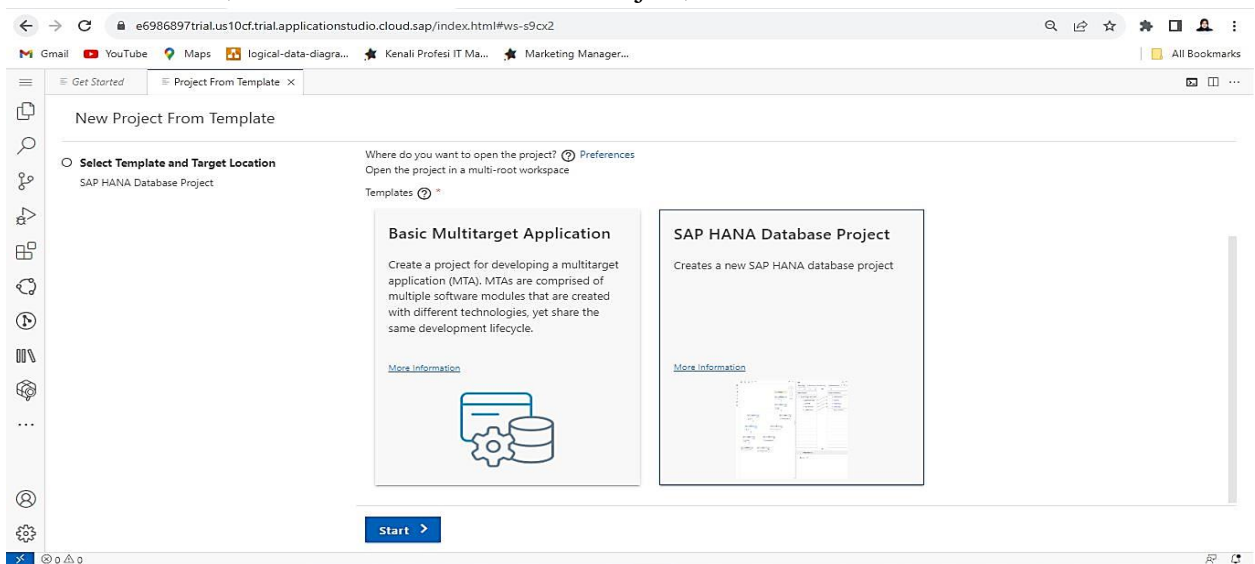
6. Dev Space berhasil di create dan tunggu statusnya menjadi Running



7. Klik nama dari Dev Space nya untuk membukanya, maka akan tampil halaman seperti ini. Kemudian klik New Project from Template



8. Pada halaman ini, klik SAP HANA Database Project, lalu klik start



9. Kemudian akan diminta membuat Project Name, lalu klik Next

The screenshot shows the 'Add Basic Information' step of the 'New Project From Template' wizard. The left sidebar lists the steps: 'Select Template and Target Location' (selected), 'Add Basic Information', 'Set Basic Properties', 'Set Database Information', and 'Bind to HDI Container Service'. The main area is titled 'Add Basic Information' with the subtitle 'Provide basic project information'. It contains a 'Project Name' input field with the text 'BRT_Data' entered. At the bottom, there are two buttons: '< Start Over' and 'Next >'. The browser's address bar shows the URL 'e6986897trial.us10cf.trial.applicationstudio.cloud.sap/index.html#ws-s9cx2'.

10. Pada halaman berikutnya diminta masukkan nama module, ini dibiarkan default saja

The screenshot shows the 'Set Basic Properties' step of the 'New Project From Template' wizard. The left sidebar lists the steps: 'Select Template and Target Location', 'Add Basic Information' (selected), 'Set Basic Properties', 'Set Database Information', and 'Bind to HDI Container Service'. The main area is titled 'Set Basic Properties' with the subtitle 'Enter the module name:'. It contains a single input field with the text 'db' entered. At the bottom, there are two buttons: '< Back' and 'Next >'. The browser's address bar shows the URL 'e6986897trial.us10cf.trial.applicationstudio.cloud.sap/index.html#ws-s9cx2'.

11. Kemudian masuk ke halaman Set Database Information, ini dibiarkan default juga

The screenshot shows the 'Set Database Information' step of the 'New Project From Template' wizard. The left sidebar lists the steps: 'Select Template and Target Location', 'Add Basic Information', 'Set Basic Properties' (selected), 'Set Database Information', and 'Bind to HDI Container Service'. The main area is titled 'Set Database Information' with the subtitle 'Define details of your application's database module.'. It contains three input fields: 'Namespace', 'Schema Name', and 'SAP HANA Database Version *'. The 'SAP HANA Database Version *' dropdown is set to 'HANA Cloud'. Below these fields, there is a question 'Bind the database module to a run-time environment service instance?' with two radio buttons: 'Yes' (selected) and 'No'. At the bottom, there are two buttons: '< Back' and 'Next >'. The browser's address bar shows the URL 'e6986897trial.us10cf.trial.applicationstudio.cloud.sap/index.html#ws-s9cx2'.

12. Kemudian kita akan diminta untuk Sign in

The screenshot shows the 'New Project From Template' wizard in the SAP HANA Cloud console. The left sidebar lists the steps: 'Select Template and Target Location' (selected), 'Add Basic Information', 'Set Basic Properties', 'Set Database Information', and 'Bind to HDI Container Service'. The main area is titled 'Bind to HDI Container Service' and contains the 'Cloud Foundry Sign In and Targets' section. This section prompts the user to provide Cloud Foundry parameters for signing in. It includes a text input for 'Enter Cloud Foundry Endpoint *' with the value 'https://api.cf.us10-001.hana.ondemand.com', a radio button selection for 'Select authentication method' (with 'Credentials' selected), a text input for 'Enter your username *' with the value 'della.febriana@students.usu.ac.id', and a password input field for 'Enter your password *'. A 'Sign in' button is at the bottom of this section. At the bottom of the wizard, there are 'Back' and 'Finish' buttons.

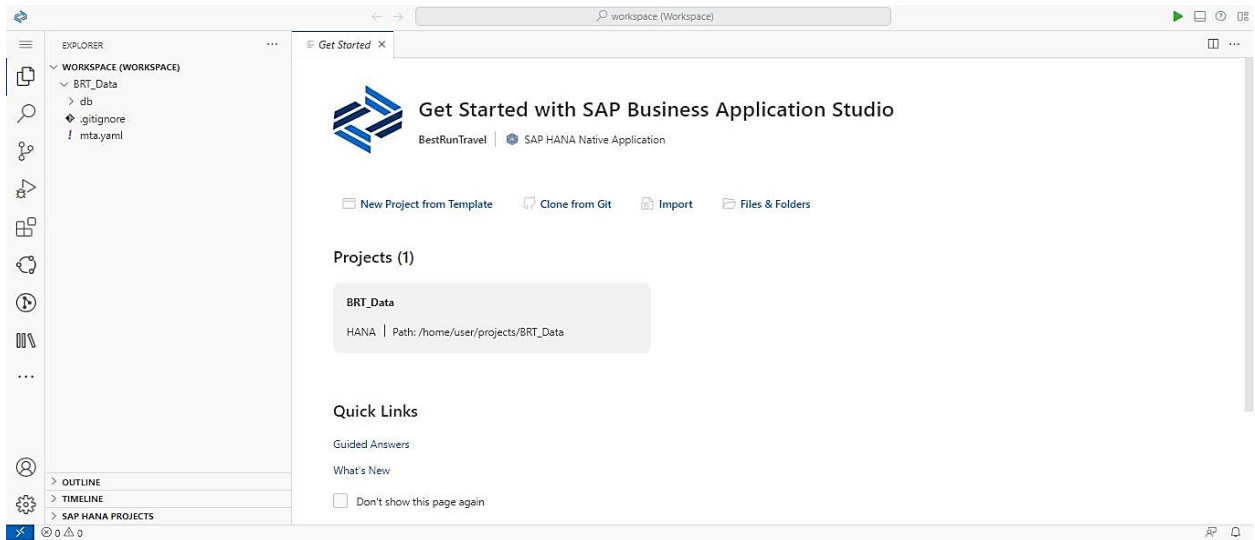
13. Kemudian pilih dev sebagai Cloud Foundry Space nya, lalu klik Apply

This screenshot shows the same 'Cloud Foundry Sign In and Targets' section as the previous one, but after a successful sign-in. The 'Sign in' button has been replaced by a 'Sign Out' button. Below the sign-in section, the 'Cloud Foundry Target' section is visible. It contains two dropdown menus: 'Select Cloud Foundry Organization *' with the value 'e6986897trial' and 'Select Cloud Foundry Space *' with the value 'dev'. An 'Apply' button is located at the bottom of this section. The 'Back' and 'Finish' buttons remain at the bottom of the wizard.

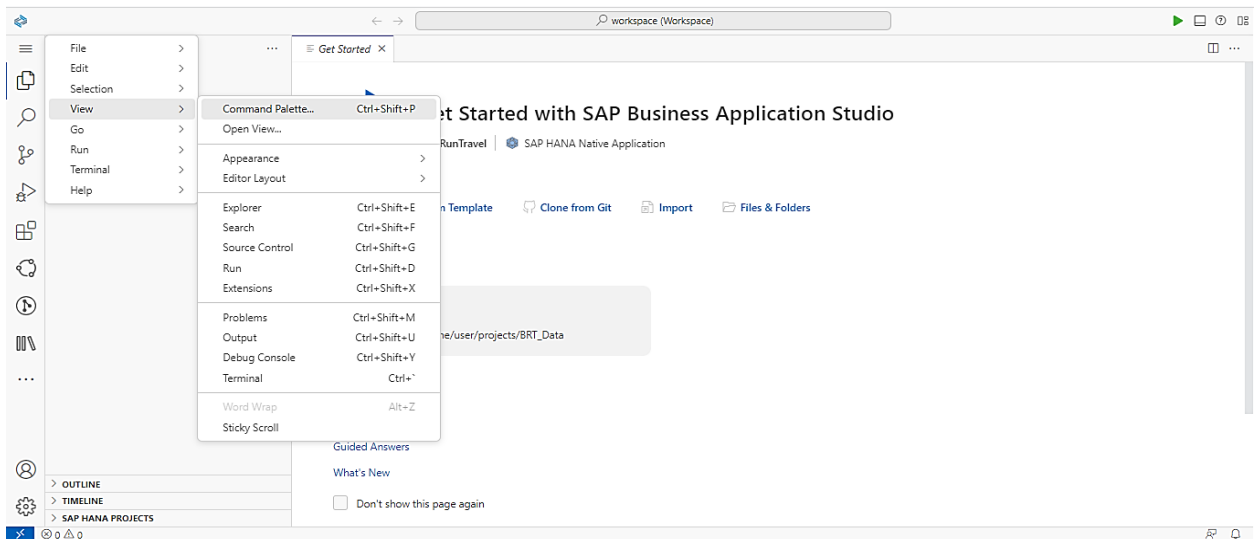
14. Lalu kita diminta masukkan Instance Name yang unik, kemudian klik Finish

The screenshot shows the 'Bind to HDI Container Service' section of the wizard. It asks the user to 'Create a new HDI service instance?' with 'Yes' selected. Below this, it prompts the user to 'Please enter a unique and non-existing service instance name' with the text 'BRT_DataContainer' entered in the input field. Another question asks 'Use the default database instance of the selected Cloud Foundry space?' with 'Yes' selected. At the bottom of the wizard, the 'Back' and 'Finish' buttons are visible.

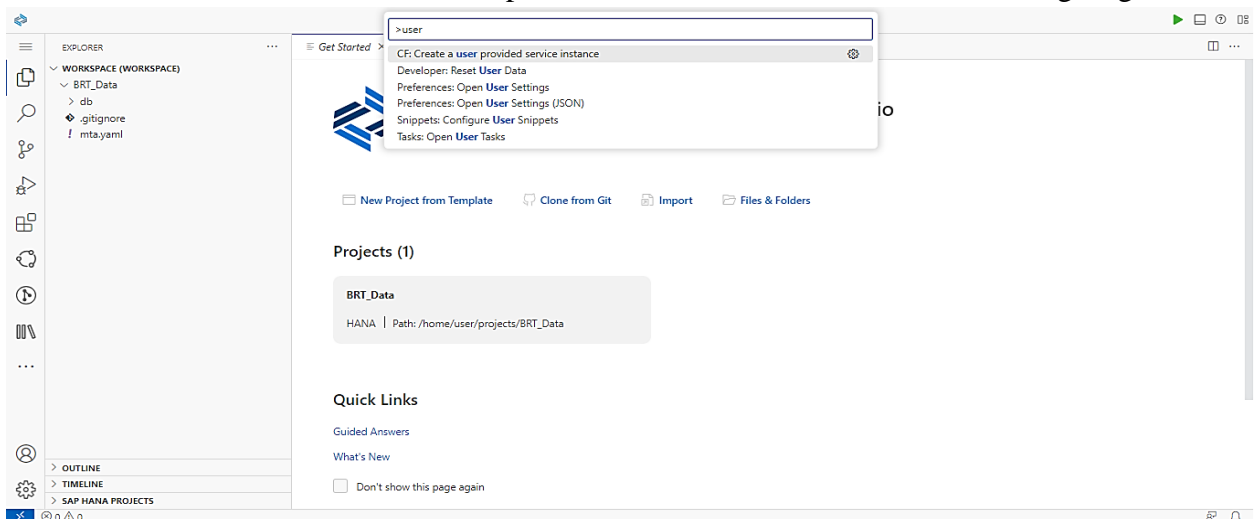
15. SAP HANA Database Project sudah berhasil di generate, tampilannya seperti ini



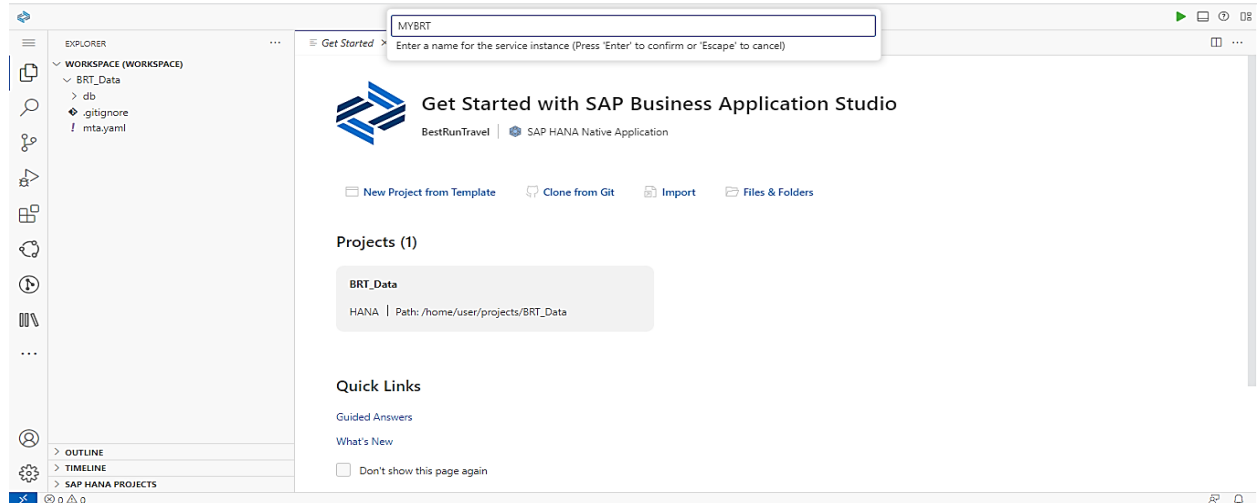
16. Kemudian pilih View, lalu klik Command Palette



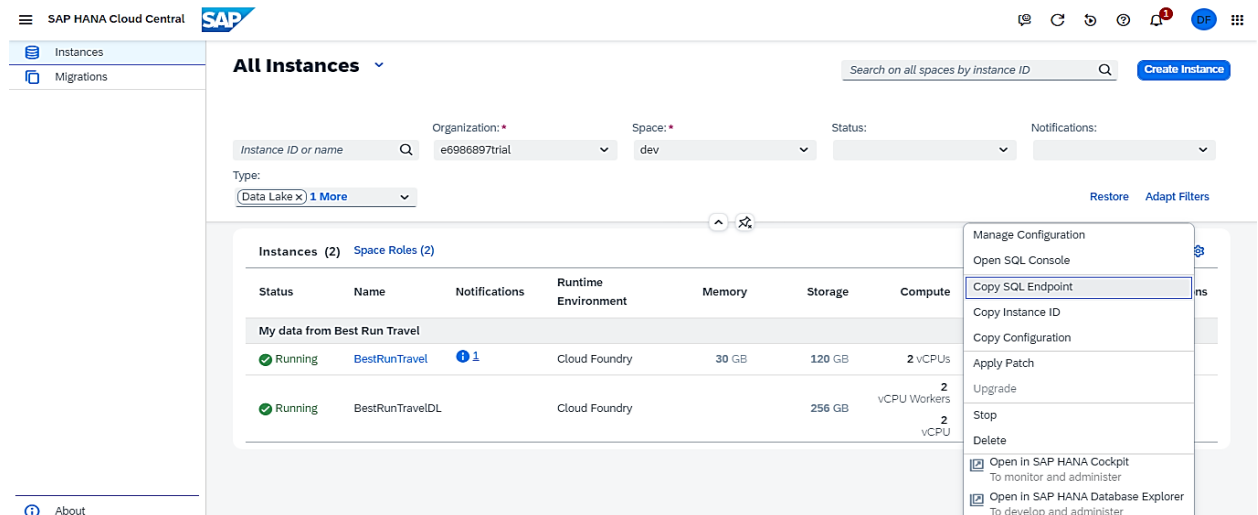
17. Lalu akan muncul Command Prompt yang terletak di area atas tengah, lalu search user dan klik enter untuk memilih Create a user provided service instance atau bisa klik langsung



18. Lalu kita diminta untuk mengetikkan nama untuk service instance, lalu klik enter



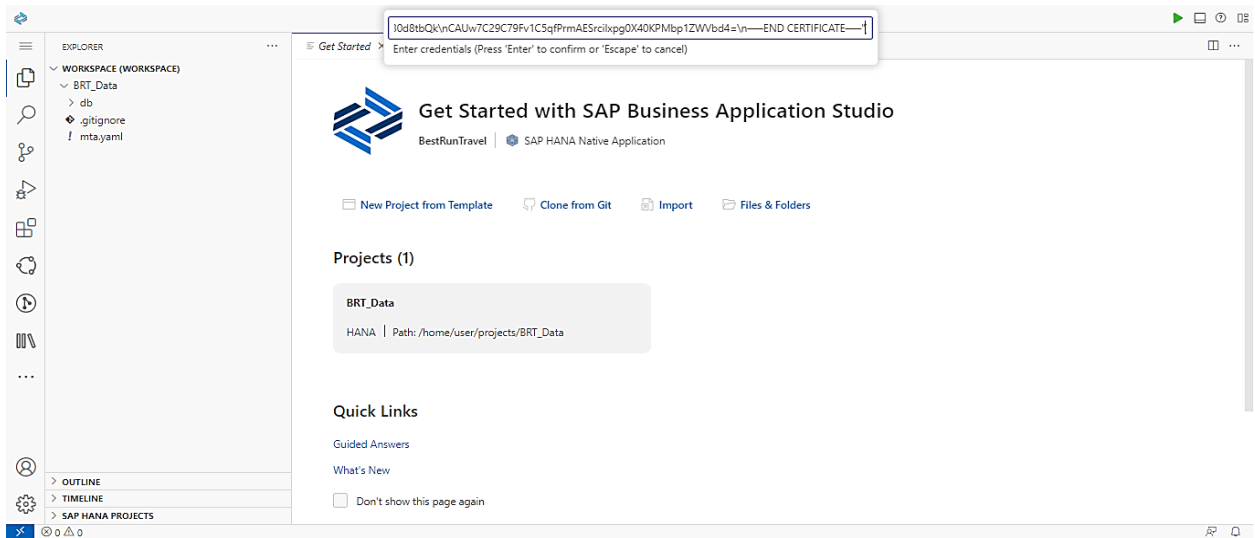
19. Lalu kembali pada halaman dibawah ini kemudian klik Copy SQL Endpoint



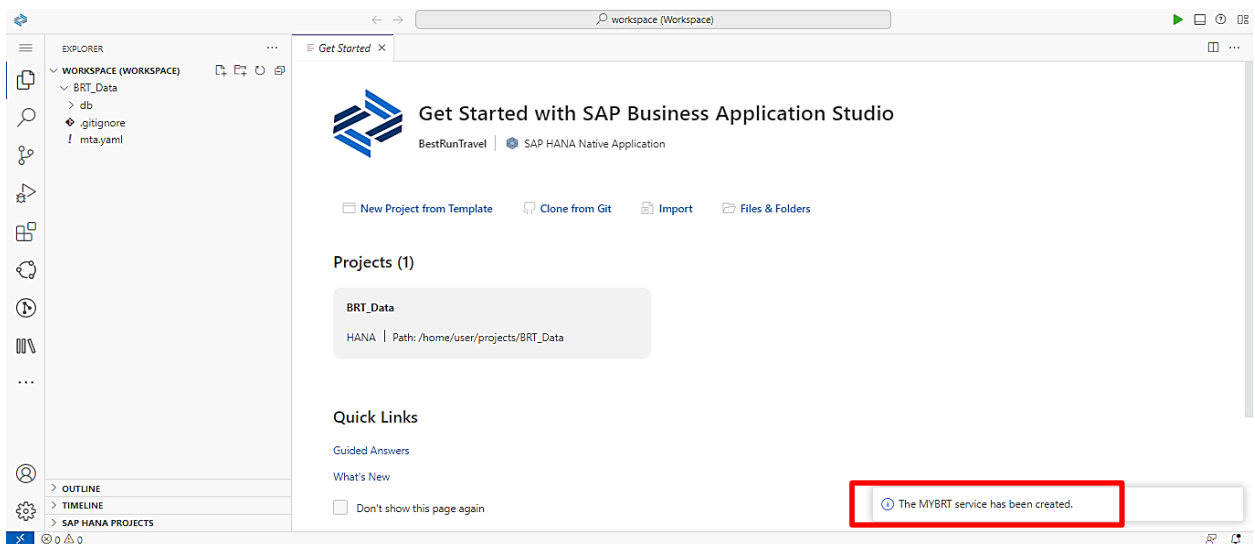
20. Lalu paste kan pada credentials dibawah ini, letakkan di bagian host dengan menghapus portnya. Kemudian di bagian user diketikkan DBADMIN dan masukkan password yang sesuai.



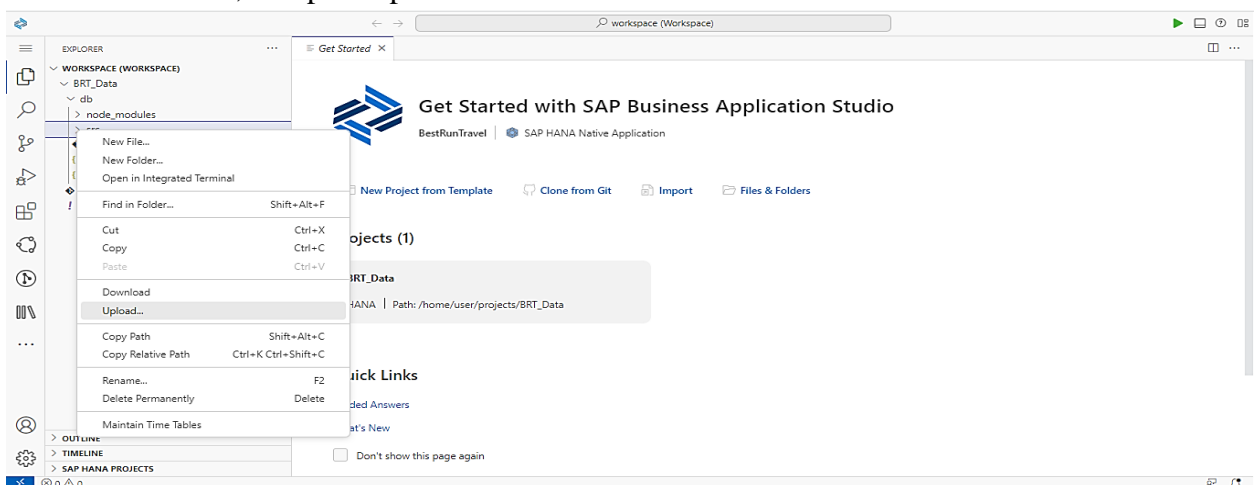
21. Kemudian copy semua credentials tersebut dan letakkan diantara kurung kurawal seperti dibawah ini, kemudian enter. Dan enter saja step-step yg selanjutnya

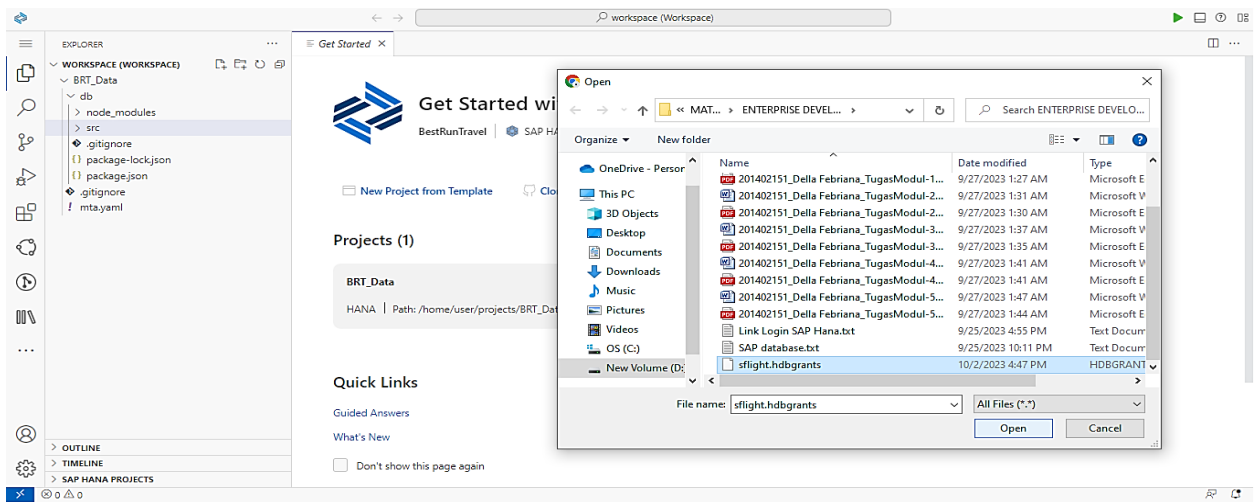


22. MYBRT Service berhasil dibuat

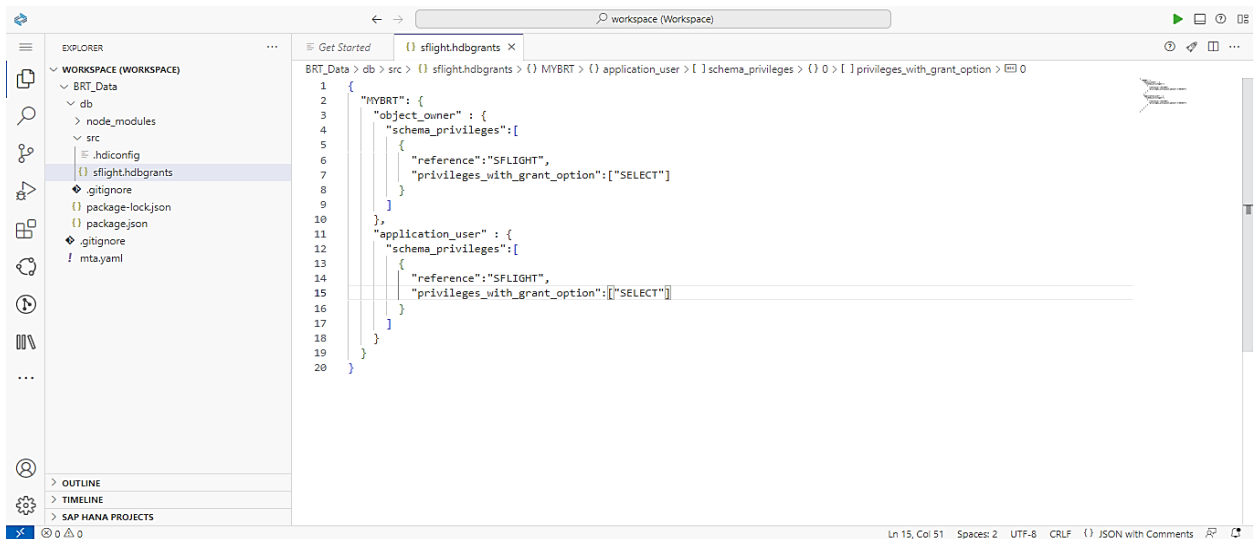


23. Kemudian mencoba untuk upload file sflight.hdbgrants dengan klik BRT_Data, lalu klik db, kemudian klik src, lalu pilih upload.

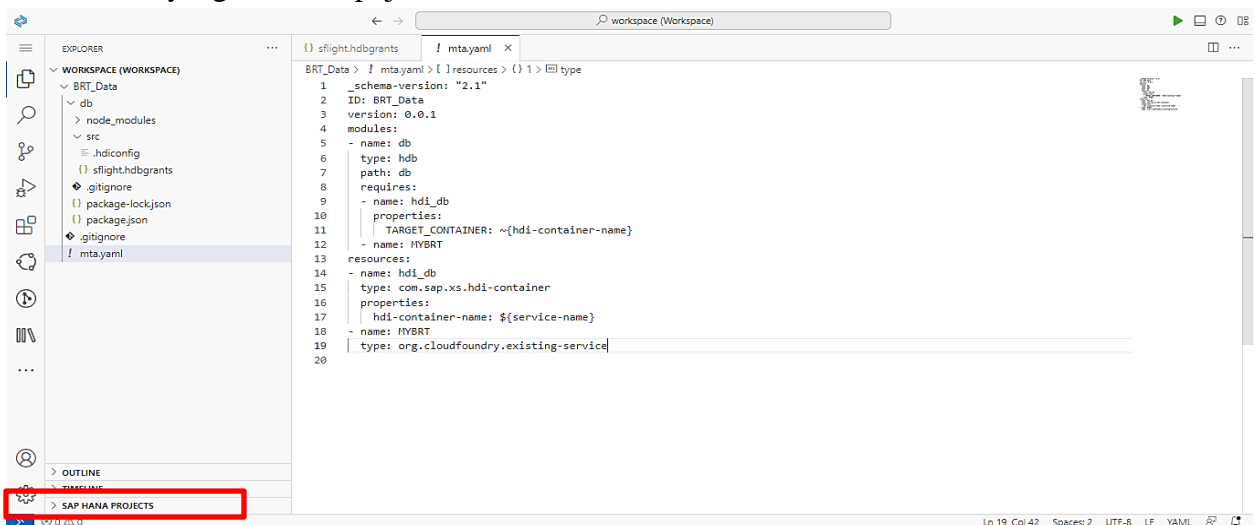




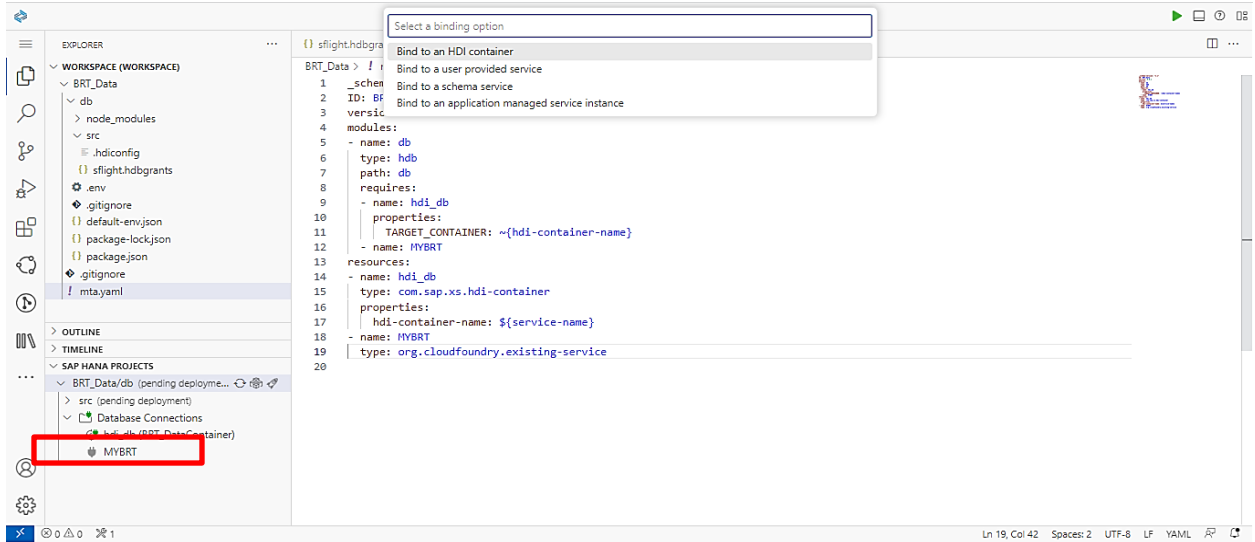
24. Jika file sudah berhasil diupload, buka filenya, lalu edit nama dari user provided service nya menjadi nama service yang baru saja dibuat yaitu MYBRT



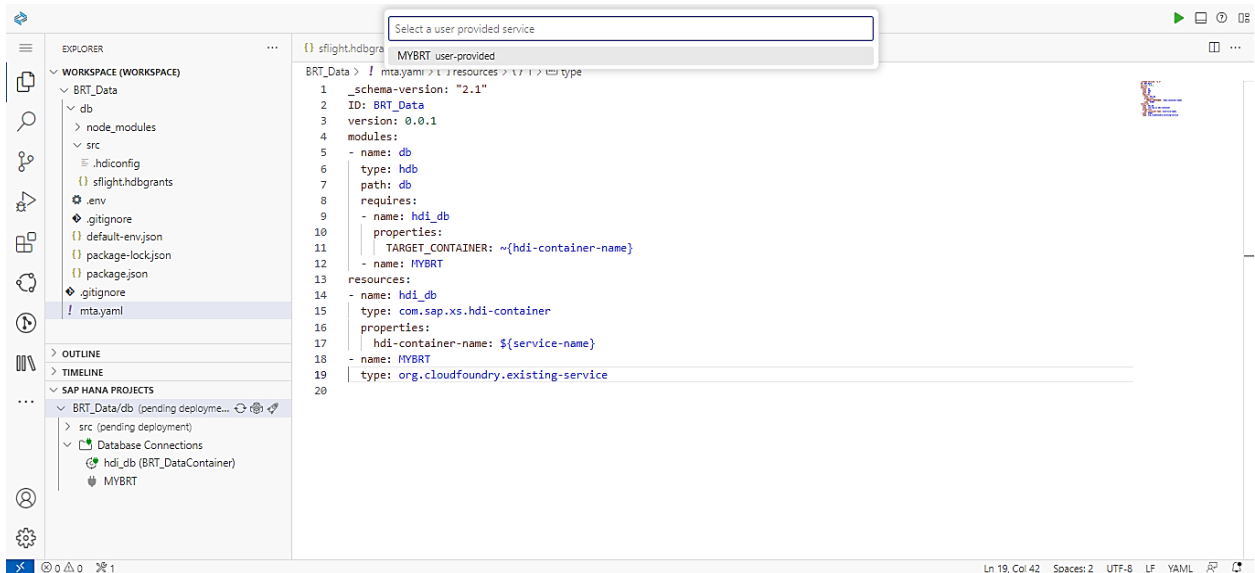
25. Lalu kita perlu melakukan beberapa perubahan pada file mta.yaml pada folder db, dengan menambahkan nama service nya yaitu MYBRT dan type nya. Kemudian klik SAP HANA PROJECTS yang berada dipojok bawah.



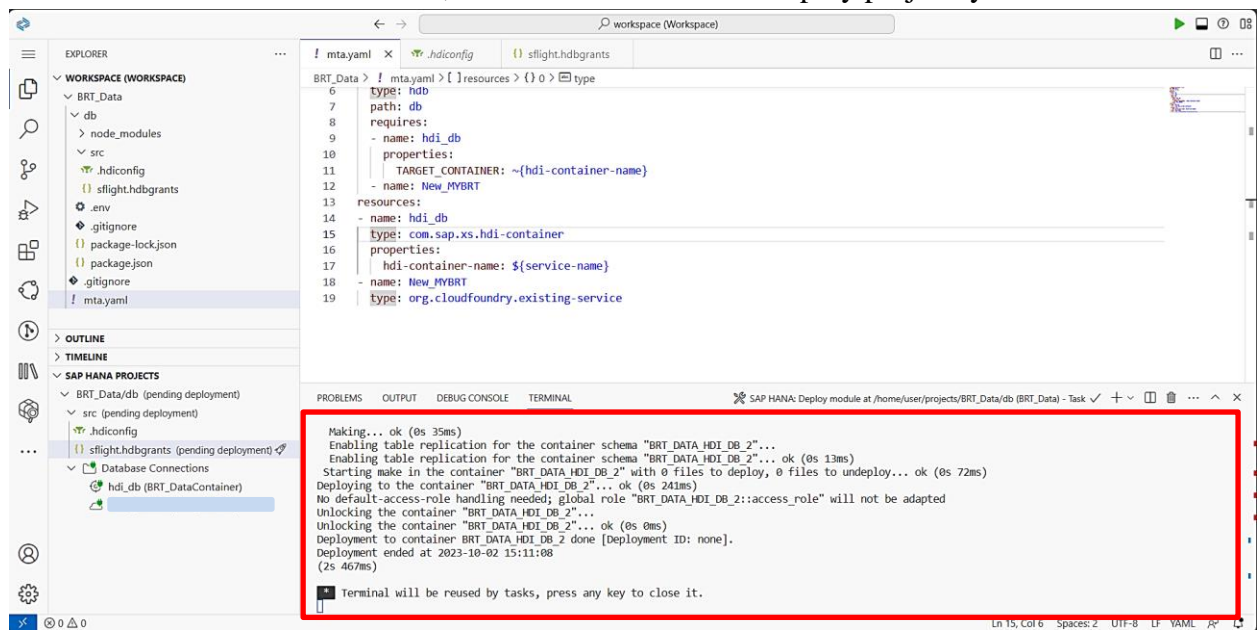
26. Kemudian akan muncul tampilan seperti dibawah ini. Pada MYBRT, klik plug icon yang berwarna hijau (bind). Lalu akan muncul prompt diatas halaman, kemudian pilih Bind to user provided service



27. Kemudian pilih nama dari user provided yaitu MYBRT



28. Kemudian kembali ke nama project yang berada dipojok bawah yaitu BRT_Data, disitu terlihat icon kecil berbentuk roket, klik icon tersebut untuk deploy projectnya



Jika proses deployment sukses dan berhasil, kita bisa melihat completion message di area bawah seperti gambar diatas.