Git action

Directory:
Github/Workflows
    Gitaction*Tests.YML*
Root/
    API
    DAL
    Service
    Infra
    DockerFile
    DockerCompose.YML
Root/Frontend/
    views
    Middleware
    Dockerfile
root/Database/
    Init.db / migration image
    Dockerfile

Running The API tests

1. Setup api tests on windows-latest
2. determine Dotnet (8.0.x)
3. restore dependencies
4. Build the application
5. run the tests
6. upload the test results

Running the Front end tests

1. Setup the front end tests on Ubuntu latest
2. debug methods
3. remove conflicting docker packages
4. install docker
5. install docker compose
6. setup docker dompose
7. install Xvfb (needed for front end)
8. run the Cypress tests
9. run the Jest tests
10. stop the docker compose services

Deploying to azure

1. Setup runs on ubuntu latest
2. Loginto azure with the azure credentials stored on github
3. login docker to the ACR
4. build the docker images & push the m to azure for API frontend & DB
5. deploy the images to the Azure containers (puts them in a group and defines ports etc).
   Does this for API frontend and DB

Succes?

Exit — No

Yes

Result

Name ↑↓	Type ↑↓	Location ↑↓
SocialRecipes	Container registry	West Europe
socialrecipes-api	Container instances	West Europe
socialrecipes-database	Container instances	West Europe
socialrecipes-frontend	Container instances	West Europe