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Module: NETWORK Application

Docker Tutorial Report

In this tutorial we have app folder in code base, docker compose file , Readme Md file which explain what to do.

The app folder contains create.php, index.php, delete.php, update.php, db.php which contain all codes for the crud.

We have docker file which demonstrate the building of php and dependency injection to make project run smoothly. Docker compose has two services one for the app we built and dependet mysql serves for database configuration.

Problems and fixes done to make app run smoothly

- the warning comes from version nowadays docker doesn't require versioning
- db.php

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbdatabase = "crud_db";

$conn = new mysqli($servername, $username, $password, $database);

if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
?>
```

we need to set server name to the container name of my sql instead of local host since there are in the same network. Password need to be the same.

In create.php we called the header bellow it's heading file and we have to bring php script above html.

Now the project run successfully.