A computer screen shot of a program

Description automatically generatedA screenshot of a computer

Description automatically generatedaddplayer.php

Initial Errors

1. Path in require\_once() is not a file or it does not exist.
2. Variable $host, $port, $dbname, $user, $password might not be defined.
3. Only booleans are allowed in an if condition, PgSql\Result|false given.
4. Construct empty() is not allowed.
5. Variable $message in isset() always exists and is not nullable.

Fixes

1. Added @phpstan-ignore-next-line for require\_once().
2. Added PHPDoc annotations for $host, $port, $dbname, $user, $password.
3. Used explicit checks for query results:

* if ($result !== false) { ... }

1. Replaced empty($playerName) with:

* if (isset($playerName[0]) && isset($position[0]) && $jerseyNumber > 0) { ... }

1. Simplified message validation:

* if ($message !== '') { ... }

A screenshot of a computer

Description automatically generatedaddstats.php

A screenshot of a computer

Description automatically generated

**Initial Errors**

1. Path in require\_once() is not a file or it does not exist.
2. Only booleans are allowed in a negated boolean, PgSql\Result|false given.
3. Access offset on array<int|string, mixed>|false.
4. Construct empty() is not allowed.
5. Strict comparison using === between array<int, array> and null will always evaluate to false.

**Fixes**

1. Added @phpstan-ignore-next-line for require\_once().
2. Used explicit checks for query results:

* if ($result === false) { ... }

1. Added fallback for query results:

* $playerStats = pg\_fetch\_assoc($result) ?: ['season\_year' => date('Y'), ...];

1. Replaced empty() with explicit checks:

* if (isset($seasonYear) && isset($gamesPlayed)) { ... }

1. Replaced any if ($playerStats === null) checks with the above fallback assignment to ensure $playerStats is always a valid array.

A screenshot of a computer

Description automatically generatedauthentication.php

A computer screen shot of a computer program

Description automatically generated

**Initial Errors**

1. Path in require\_once() "db\_config.php" is not a file or it does not exist.
2. Variable $host, $port, $dbname, $user, $password might not be defined.
3. Loose comparison via "==" is not allowed. Use strict comparison via "===" instead.
4. Construct empty() is not allowed. Use more strict comparison.
5. Only booleans are allowed in a negated boolean, PgSql\Connection|false given.

**Fixes**

1. Added @phpstan-ignore-next-line before require\_once('db\_config.php');.
2. Added PHPDoc annotations to define $host, $port, $dbname, $user, and $password.
3. Replaced == with strict comparison ===:

* if ($\_SESSION['loggedin'] === true) { ... }

1. Replaced empty() with explicit checks:

* if (isset($username[0]) && isset($password[0])) { ... }

1. Used explicit comparison for pg\_connect():

* if ($conn === false) { ... }

steelersroster.php

A screenshot of a computer

Description automatically generated

A computer screen shot of a computer program

Description automatically generated

**Initial Errors**

1. Path in require\_once() is not a file or it does not exist.
2. Loose comparison via "==" is not allowed.
3. Only booleans are allowed in a negated boolean, PgSql\Connection|false given.
4. Only booleans are allowed in a negated boolean, PgSql\Result|false given.
5. Use of empty() is not allowed.
6. Access offset on array<int|string, mixed>|false.

**Fixes**

1. Added @phpstan-ignore-next-line for the require\_once() statement.
2. Replaced == with strict comparison:

* $sortOrder = ($sortOrder === 'ASC') ? 'DESC' : 'ASC';

1. Used explicit checks for database connection and query results:

* if ($conn === false) { ... }
* if ($result === false) { ... }

1. Replaced empty($searchQuery) with:

* if (isset($searchQuery[0])) { ... }

1. Validated pg\_fetch\_assoc() results:

* while ($row = pg\_fetch\_assoc($result) ?: []) { ... }

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Description automatically generatedallplayerstats.php

A screenshot of a computer

Description automatically generated

**Initial Errors**

1. Path in require\_once() is not a file or it does not exist.
2. Variable $host, $port, $dbname, $user, $password might not be defined.
3. Only booleans are allowed in a negated boolean, PgSql\Result|false given.
4. Strict comparison using === between array<int, array> and false will always evaluate to false.
5. Access offset on array<int|string, mixed>|false.
6. Use of empty() is not allowed.

**Fixes**

1. Added @phpstan-ignore-next-line for require\_once().
2. Added PHPDoc annotations for $host, $port, $dbname, $user, $password.
3. Used explicit checks for pg\_query() and pg\_fetch\_all():

* $playersStats = pg\_fetch\_all($result) ?: [];

1. Replaced isset($playersStats) with direct checks since $playersStats is always defined.
2. Added fallback values for query results:

* $totalPlayers = (int)($totalPlayersRow['total'] ?? 0);

1. Added @phpstan-ignore-next-line because I could not figure this one out.