

Code smell refactoring of database package

Before:

List of all classes (#3)

ID	CLASS	COUPLING	COMPLEXITY	LACK OF COHESION	SIZE	LOC	COMPLEXITY	COUPLING	LACK OF COHESION	SIZE
1	UserDao	<div></div>	<div></div>	<div></div>	<div></div>	116	low-medium	low	low	low-medium
2	ScoreDao	<div></div>	<div></div>	<div></div>	<div></div>	84	low-medium	low	low	low-medium
3	MySQLConnector	<div></div>	<div></div>	<div></div>	<div></div>	11	low	low	low	low

After:

List of all classes (#4)

ID	CLASS	COUPLING	COMPLEXITY	LACK OF COHESION	SIZE	LOC	COMPLEXITY	COUPLING	LACK OF COHESION	SIZE
1	UserDao	<div></div>	<div></div>	<div></div>	<div></div>	116	low-medium	low	low	low-medium
2	ScoreDao	<div></div>	<div></div>	<div></div>	<div></div>	67	low	low	low	low-medium
3	LeaderboardDao	<div></div>	<div></div>	<div></div>	<div></div>	26	low	low	low	low
4	MySQLConnector	<div></div>	<div></div>	<div></div>	<div></div>	11	low	low	low	low

We extracted method to get top 10 scores from the database in ScoreDao class to the new class called LeaderboardDao. This provides more logical separation of concerns, reduces complexity, class sizes and lines of code in the classes.