José Diego Llaca Castro A01704793

Iván Ricardo Paredes Avilez A01705083

### **Lab 23: Manipulación de datos usando Stored Procedures**

¿Qué desventajas identificas en la utilización de store procedures?

Si se implementan store procedures en un proyecto en el cual no se tiene certeza acerca de la base de datos que se usará entonces se ponen en riesgo los beneficios que se obtiene de la implementación de los store procedures, además de que tomará mucho esfuerzo hacer migración de los procedures.

Por analogía a lo descrito en la sesión de clase, crea 3 procedimientos almacenados para alguno de tus laboratorios anteriores o para tu proyecto.

[CREATE PROCEDURE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-procedure.html) `agregarProveedor`([IN](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/comparison-operators.html%23function_in) `uRFC` VARCHAR(15) CHARSET utf8, [IN](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/comparison-operators.html%23function_in) `uRazonSocial` VARCHAR(40) CHARSET utf8) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) DETERMINISTIC CONTAINS SQL SQL SECURITY DEFINER [INSERT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/insert.html) INTO proveedores [values](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/miscellaneous-functions.html%23function_values) (uRFC, uRazonSocial);

[call](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/call.html) agregarProveedor('IIII800101', 'WhiteDot');

[CREATE PROCEDURE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-procedure.html) `agregarProyecto`([IN](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/comparison-operators.html%23function_in) `uNumero` INT(11), [IN](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/comparison-operators.html%23function_in) `uDenominacion` VARCHAR(40) CHARSET utf8) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) DETERMINISTIC CONTAINS SQL SQL SECURITY DEFINER [INSERT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/insert.html) INTO proyectos [values](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/miscellaneous-functions.html%23function_values) (uNumero, uDenominacion);

[call](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/call.html) agregarProyecto(5020, 'Tren Maya');

[CREATE PROCEDURE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-procedure.html) `agregarEntregan`([IN](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/comparison-operators.html%23function_in) `uClave` INT(11), [IN](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/comparison-operators.html%23function_in) `uRFC` VARCHAR(15) CHARSET utf8, [IN](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/comparison-operators.html%23function_in) `uNumero` INT(11), [IN](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/comparison-operators.html%23function_in) `uFecha` DATE, [IN](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/comparison-operators.html%23function_in) `uCantidad` INT(11)) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) DETERMINISTIC CONTAINS SQL SQL SECURITY DEFINER [INSERT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/insert.html) INTO entregan [VALUES](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/miscellaneous-functions.html%23function_values) (uClave, uRFC, uNumero, uFecha, uCantidad)

[call](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/call.html) agregarEntregan(20002, 'IIII800101', 5020, '2023-03-28', 69);