

## LAB 3: MPP [ BACK END PERSISTENCY ]

**DUE WEEK : 8**

MANDATORY requirements for presenting the assignment(with grade 5):

- create another entity in the domain of your application which is in a one-to-many relationship with your initial entity and implement CRUD operations on this entity as well on the back end of your application
- implement server-side persistency for the entities stored on the back-end of your application
- everything has to be consistently tested for the assignment to be submitted correctly
- consider cyber-security aspects in your implementation ( SQL injection, possible DDOS attacks, cross-site scripting) as the silver and gold challenges might relate to those aspects
- in order for you to receive a passing grade for this assignment you will also need to implement some **AD-HOC TASKS** given by your lab teacher [ the lab will not receive passing grade unless the lab teacher is satisfied with your ad-hoc work ]

Silver and gold challenges will be given by your teacher during the lab:

- implementing the silver challenge gives you extra 2 points to your lab grade for this assignment
- implementing the gold challenge gives you extra 3 points
- silver and gold challenges are not mandatory