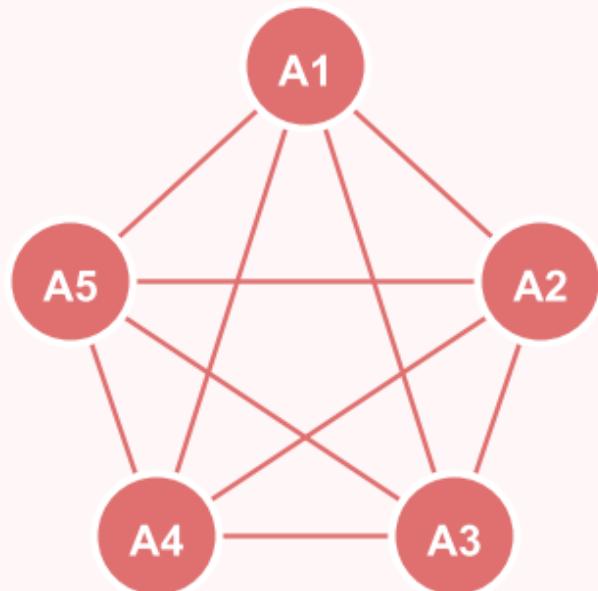


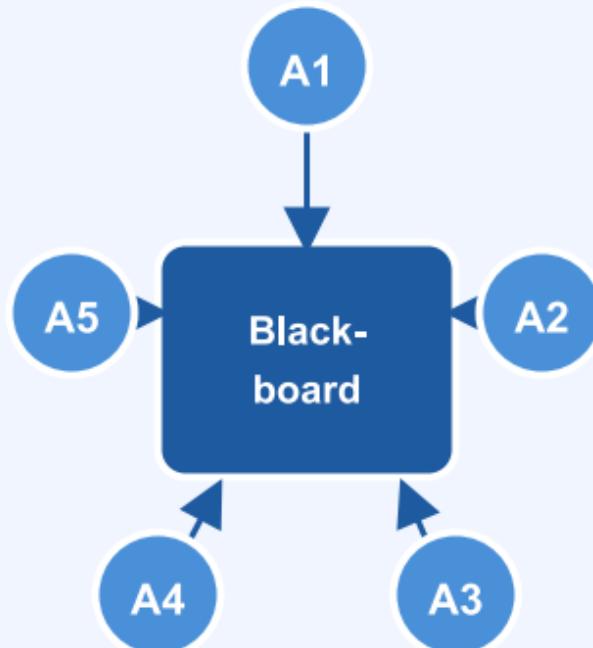
Without blackboard



$n(n-1)/2$ links
tight coupling

10 links

With blackboard



n links only
loose coupling
5 links