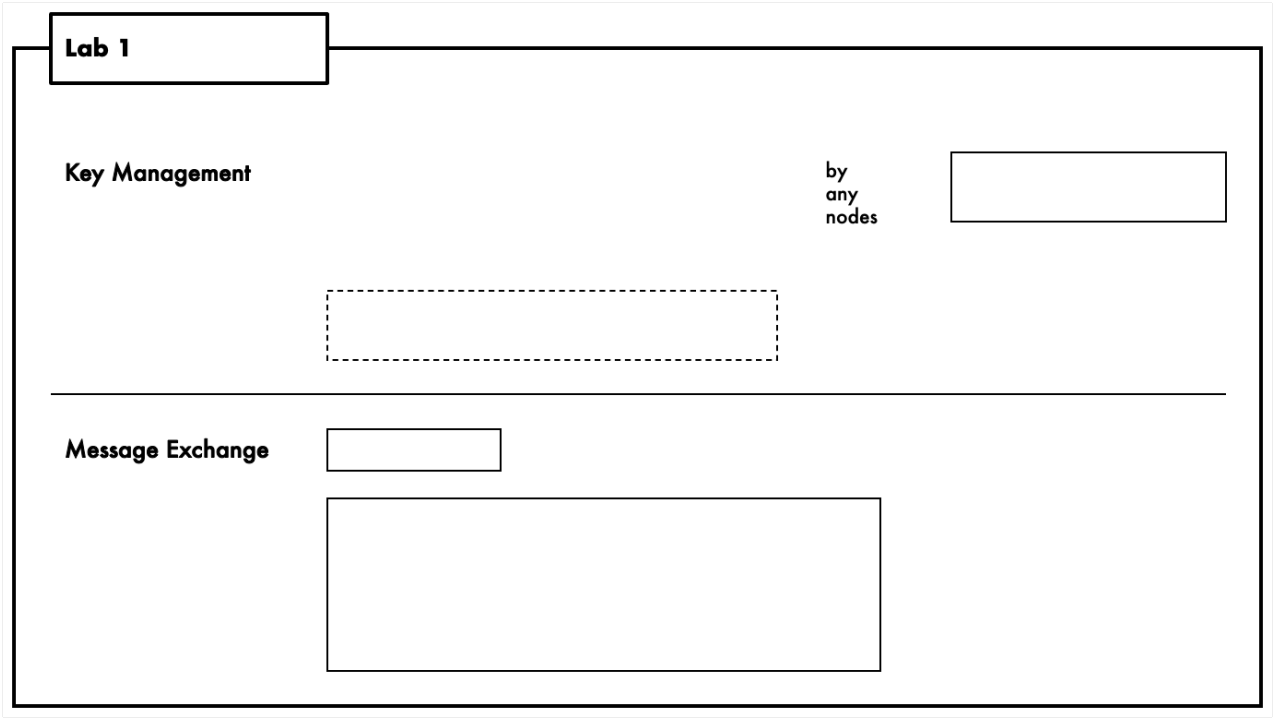

Scenario : Say we are supporting our systems engineer as she adds driver assistance (via cyber-physical systems) to a large, self-propelled Ag machine. The system design does not provide any security. There are no keys. There are no cryptographic primitives in the ECUs. The system is designed to only allow the driver assistance at very low speeds, i.e., ground speed < 5 mph.

Exercise 1 : Analyze the network security and document your conclusions in the network security framework, above.

Exercise 2 : [ATTACK] Create a Proof-of-Concept (PoC) to allow driver assistance operations at any speed. This can be a simple and noisy attack. You can assume that if half the time the vehicle thinks it is going less than the assistance threshold then assist will be available.

To Turn In : Source file used to perform the attack.

```
$ cat -n <file>
```