EECE 371- Smart Embedded Systems

**Due date: Wed., Jan 30th 2019**

Think of some embedded systems examples and imagine how we can merge them with machine learning. Use your imagination to propose a way to use embedded systems in 3 out of the topics proposed below. Write down the concept for each idea, what components you might need and how you can integrate machine learning mentioning what cognitive or learning capabilities required.

1. Topics
   1. Robotics
      1. Concept
      2. Components
      3. Machine learning use
   2. Smart home
   3. Unmanned Vehicles
   4. Supply Chain
   5. Healthcare and implanted devices
   6. Security
   7. Brin a topic of your own
2. Team Formation:

Form your group and report the names of your project team by the due date.

1. GitHub

Make an account on GitHub and make a repo for this class with the name “UL\_EECE371\_S19\_Initials”

1. Slack

Make an account on slack and report your e-mail you used for the account. I will send invitation to the discussion thread for the class.