## AIProject v2.0 Development

### 11/18/2014

#### Todo

- 11/19/2014 Ammending the Environment Module.
  - Modify the Sensor modules. There are some problems such as unused methods in base class for right reasons.
  - Make SensorBase more agnostic, e.g. shed is State function, since this is of no use when the domain of the state is undetermined.
  - ActuatorBase should also be ammended to capture the problem.
  - As to the tests. Fuck them all. Rewrite the tests so it can be used as an example to the API users.
  - Change template for both actuator and Sensor to  $\langle S, A \rangle$ .

### Tests

- $\bullet$ Random Walk<br/>  $\Box$
- $\bullet$  MountainCar  $\square$
- $\bullet$  Poker  $\square$
- Pole Balancing □

# Log

- 11/18/2014
  - Prefected (for now) Graph modules.
  - Removed DP from design. It seems that DP is not very general as opposed to LP.
  - Create Environment class.
    - After doing so, introduce formal game test.