Cognitive Robotics

Lab 6 / Homework 5

Andrew id:

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|  |  | Score | Comments |
| Part III |  | \_/20 |  |
|  | Robot nods head up and down | \_/10 |  |
|  | Head moves at an appropriate speed | \_/5 |  |
|  | Posture files don’t include extra effector positions | \_/5 |  |
| Part IV |  | \_/10 |  |
|  | State machine uses DynamicMotionSequenceNode | \_/5 |  |
|  | Robot executes movement and speech in parallel | \_/5 |  |
| Part V |  | \_/40 |  |
|  | Robot can grasp can | \_/4 |  |
|  | Robot can pick up can | \_/4 |  |
|  | Robot can rotate can | \_/4 |  |
|  | Robot can put can down and withdraw arm | \_/4 |  |
|  | Robot can pickup and flip the can multiple times | \_/10 |  |
|  | Robot uses vision to identify if it has the can | \_/10 |  |
|  | Robot waits for human to replace the can if it loses it. | \_/4 |  |
| Part VI (Graduate class only) |  | \_/30 |  |
|  | Can grasp larger objects | \_/15 |  |
|  | Can grasp smaller objects | \_/15 |  |
| Total Score |  | \_/100 |  |

General Comments: