

| Deliverable | Evaluation | Points Given | Points Possible | Evaluation Criteria |
|------------------------------|---------------------------------|---------------------|------------------------|--|
| PROJECT 10 | Grading TA | 0 | 145 | |
| | | | | |
| Build package | | 0 | 102 | |
| | Builds without warnings | | 20 | Successfully extracts from build file and builds without errors |
| | Coding style and traceability | | 10 | Turtle code follows good coding style and traces to documentation in the writeup |
| | Unit test branch, data coverage | | 6 | Full state chart branch coverage + up to 8 additional data coverage tests |
| | Unit test code style | | 6 | Unit tests follow reasonable/good coding style |
| | Unit test traceability | | 10 | All unit test transitions have a comment for the corresponding test in the code |
| | Unit test execution | | 25 | All unit tests run and pass |
| | Runtime monitor source code | | 25 | ANDREWID_turn_monitor.cpp source code apparently checks that turtle does not turn more than 90 degrees at a time by using ROS_WARN to indicate invariant violation |
| | | | | |
| p10_writeup_[...].pdf | | 0 | 39 | |
| | Q1. Unit tests | | 4 | Describes which unit tests fail and why |
| | Q2. Unit test retrospective | | 4 | Describes any struggles or concerns about unit testing |
| | Q3. Monitor | | 4 | Describes any tricky or subtle issues with implementing monitor |
| | Q4. Invariant violations | | 4 | If any invariant violations across all 6 mazes, explain the situation. |
| | Q5. Updated turtle statechart | | 10 | Updated turtle design statechart (not unit test statechart) |
| | Q6. m1 screenshot | | 6 | Screen shot showing maze 1 run reaches goal |
| | Q7. other maze screenshots | | 5 | Screen shots showing attempts at mazes 2, 3, 4, 5 and 6 (5 screen shots; multiple mazes per screen is OK) |
| | Q7 Feedback | | 2 | Gives feedback for project, if any; Student name is stated in writeup |
| | | | | |
| P10_[...].zip | | 0 | 4 | |
| | Follows naming | | 4 | All files follow the naming convention as instructed in the writeup |
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| | | | | Resubmission required if student name and andrew ID are not included as a comment in EVERY student-written testing file (as required by Proj 9) |
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