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| --- | --- | --- | --- | --- | --- | --- |
|  | | BENCHMARK ASSESSMENT #1 Railroad Train Guidance System | | | NYU Poly.png | |
|  | |  | | |
| Project Name | | | Name | |
| Company Name | | |  | |
| Team Members | | | Section | |

**TEST RESULTS**

|  |  |  |
| --- | --- | --- |
|  | **Pass** | **Fail** |
| **LabVIEW VI:** |  |  |
| Program indicates NO PATH correctly | □ | □ |
| Train departs from Terminal Station L and traverses Sector 1 | □ | □ |
| Train traverses Sectors 2, 3, 4, 5, and 6 | □ | □ |
| Train traverses course starting from L1 with light switches A and C blocked | □ | □ |
| Train traverses course starting from L2 with light switches B and E blocked | □ | □ |
| Train traverses course starting from L3 with light switches G, D, and H blocked | □ | □ |
|  |  |  |
| **Other Deliverables:** |  |  |
| Truth table for Sectors 4, 5, and 6 | □ | □ |
| Karnaugh-Map for Sectors 4, 5, and 6 | □ | □ |

Based upon the completion of the first phase of Construction and the results of the first Benchmark Assessment, this project is approved to continue for further development.

|  |  |  |
| --- | --- | --- |
|  |  | |
| Team Member | | Date |
| Team Member | | Date |
| Team Member | | Date |  |
| Commissioned by | | Date |  |