THIS SHOULD NOT BE THE LAYOUT OF THE TASKS IN THE WORKPLAN

Machine Design

|  |  |  |
| --- | --- | --- |
| Task | Estimated | Dependent |
| Experiment with LEGO | 18 |  |
| Define SLR | 36 |  |
| Define machine interace | 12 | SLR |
| Creating documents | 6 | All tasks of phase |

Software Specification

|  |  |  |
| --- | --- | --- |
| Task | Estimated | Dependent |
| Define inputs | 3 | Machine interface |
| Define outputs | 3 | Machine interface |
| Define dependency of input output | 6 | Define inputs, define outputs |
| Finite State automaton | 12 | Define dependency of I/O |
| UPPAAL model | 18 | Finite state automaton |
| Creating documents | 6 | All tasks of phase |

Software Design

|  |  |  |
| --- | --- | --- |
| Task | Estimated | Dependent |
| Class diagram | 18 |  |
| State machines | 6 |  |
| Message sequence charts | 12 |  |
| Pseudo code of functions | 12 | All above |
| Creating documents | 6 | All above |

Implementation

|  |  |  |
| --- | --- | --- |
| Task | Estimated | Dependent |
| Coding standard | 1 | - |
| Writing code | 24 | Coding standard |

System validation and testing

|  |  |  |
| --- | --- | --- |
| Task | Estimated | Dependent |
| Machine Design test | 8 | Machine design |
| Software Specification test | 12 | Software specification |
| Software Design test | 6 | Software design |
| Implementation test | 12 | Implementation |
| Fixing failed tests | 18 | On of the above |

Completion

|  |  |  |
| --- | --- | --- |
| Task | Estimated | Dependent |
| Final report | 36 | Everything of other phases |
| Final presentation | 24 | Everything of other phases |