

## Project management report

Task	Planned sprint	Implemented sprint	Target hours	Actual hours
<b>Sprint 1: Requirement Engineering</b>				
Requirements Engineering agreement	1	1	2	1
Requirements document preparation	1	1	16	16
Analysing existing system	1	1	16	14
<b>Sprint 1: Summery</b>			<b>34</b>	<b>31</b>
<b>Sprint 2: Design and Modelling</b>				
Design and Modelling agreement	2	2	2	1
UML Modelling	2	2	10	12
Web and Logo design	2	2	3	3
Search for project's suitable technologies	2	2	4	4
<b>Sprint 2: Summery</b>			<b>19</b>	<b>20</b>
<b>Sprint 3: Setting up website structure</b>				
Design a page structure	3	3	8	10
Create a single-page application structure	3	3	4	3
<b>Sprint 3: Summery</b>			<b>12</b>	<b>13</b>
<b>Sprint 4: Track Editor</b>				
Grid Board	4	4	4	4
Track-piece: Straight-line	4	4	1	1
Track-piece: Curve	4	4	1	1
Track-piece: 4 intersections	4	4	1	1
Track-piece: 2 intersections	4	4	1	1
Setting: Board	4	4	1	1
Setting: Save	4	4	2	4
Setting: Export	4	4	1	0.5
Setting: Import	4	4	1	0.5
Straight-line with SVG Experiment	4	4	4	6
<b>Sprint 4: Summery</b>			<b>17</b>	<b>20</b>
<b>Sprint 5: Digital Twin</b>				
Setting: MQTT Broker	4	5	2	2
Setting: Connection-Test-Function	4	5	1	1
DT: Board	5	5	4	2
DT: Cars Controller	5	5	8	8
DT: Animation on board	5	5	4	3
<b>Sprint 5: Summery</b>			<b>19</b>	<b>16</b>
<b>Sprint 6: Test &amp; Submission</b>				
Test: Editor end-test	6	6	2	2
Test: Digital Twin end-test	6	6	2	2
Presentation	6	6	2	2
Documentation	6	6	8	9
<b>Sprint 6: Summery</b>			<b>14</b>	<b>15</b>
<b>Sprint 1 - 6: Summery</b>			<b>115</b>	<b>115</b>