**Product Backlog Items for Car Racing Game**

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| **Priority** | **Product Backlog Items** | **User Story Number** | **User Story** | **Point** | **Estimated Hours** |
| 1 | Design Pitstop AI | 3 | I need the pitstop process to be automated | 16 | 120 |
| 2 | Re-fuel Code | 1 | I need to be able to re-fuel | 4 | 24 |
| 3 | Change Tyres Code | 2 | I need to be able to change tyres quickly | 4 | 48 |
| 4 | Start Button Code | 4 | Ideally, I would like to just click a button to begin | 2 | 11 |
| 5 | End Button Code | 5 | I would like to click a button to end when complete | 2 | 11 |
| 6 | Exit Algorithm | 6 | I need to re-join the race without collision | 8 | 35 |
| 7 | Display Car List | 8 | I want to see a list of all the cars | 4 | 28 |
| 8 | Show Funds | 9 | I would like to see current funds displayed at the top | 2 | 10 |
| 9 | Warning sign | 7 | I need a pop up to prevent miss clicks for buying mods and new cars | 8 | 15 |
| 10 | Available cars | 11 | I want to see which cars I have available to use and which I don’t. | 8 | 11 |
| 11 | Prices | 10 | I should be able to see the prices for each car I didn’t buy. | 4 | 14 |
| 12 | Show Available Track | 12 | I want to be able to choose track | 4 | 10 |
| 13 | Lap’s number code | 13 | I need to be able to enter laps number | 8 | 5 |
| 14 | Difficulty level code | 15 | I want to see list of difficulty level | 16 | 15 |
| 15 | Track view code | 14 | I want to select day or night view | 8 | 20 |
| 16 | Go button code | 16 | I need to be able to click Go button | 2 | 12 |
| 17 | Able to see position in race. | 17 | I want put all position of cars on top right from where we can see cars on track. | 16 | 14 |
| 18 | Want to change car during race. | 19 | I want to change my car during the race. | 8 | 3 |
| 19 | Select views | 20 | I want to select view in race (Morning or evening). | 4 | 48 |
| 20 | Timing in race. | 18 | I want to put timing in the race to make it more complicated. | 8 | 72 |