

User



Request Stint Visualization

System

Retrieve Selected Drivers

Fetch Stint Data for each driver from Fast F1 API

Stint Data Available

Yes

No

Display Error Message
"Stint Data Not Available"

Parse Stint Information
(Start Lap, End Lap, Compound)

Map tyre Compounds to Colors
(Soft = Red, Medium = Yellow, Hard = White)

Generate Stint Visualization

Render Visualization on Screen

Analyze Tyre Strategies

Compare Pit Stop timing
and Compound Choices