



# Westfield Group Project - Avant Garde



## Stage 1

Steve Staff



David Harding



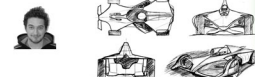
Katy Rees



Connor Bristow

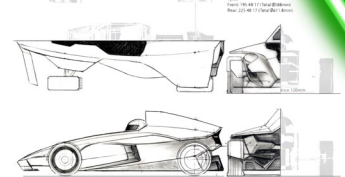


Glenn Sellenthin



## Stage 2

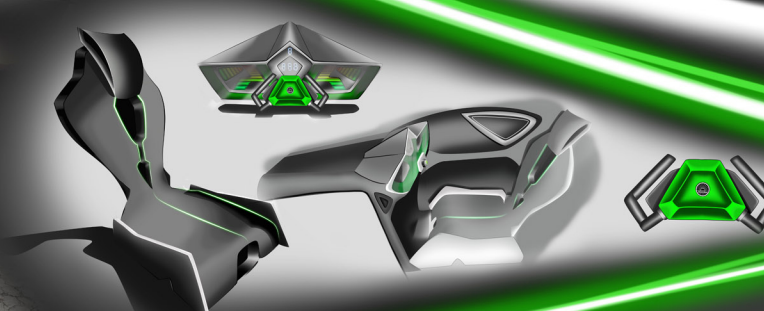
AVANT GARDE - TEAM 2



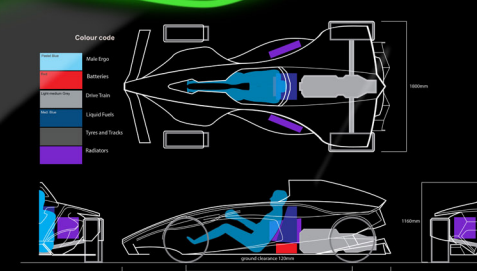
## CAD Model



## Interior



## Technology



His replica became popular and it wasn't long before he was flooded with demands from enthusiasts wanting one for themselves. Westfield Sportscars was created in 1983. While designing our vehicle we took a lot of inspiration from Westfield's iRacer. It is an all electric race car designed to kick start the world's first one make electric race series. The bodywork is made up of a range of materials; aluminium, recyclable plastics, composites and a stretched lycra skin over an aluminium framework. This skin is lightweight, low cost and aerodynamically efficient. The Avant Garde package we were given has a Vauxhall Astra VXR engine, with 2.0-litre 16v turbocharged direct injection engine. It has maximum power of 283bhp and maximum torque of 400Nm.

The dictionary description of avant garde is: "the advance group in any field, especially in the visual, literary, or musical arts, whose works are characterized chiefly by unorthodox and experimental methods". Avant garde is daring and radical so we took this into consideration when designing our car. We wanted it to stand out and be seen.

