According to Chen (et al. (2012), the first step of designing a formula SAE car should be to ensure the best performance from your front and rear wings as possible, (p. 25).

In their, (2012) study, Chen et al. found that early wing design using software greatly enhanced time spend on actually building and increased final performance as well, (p. 25)

Chen et al. goes on to examine how this increased the down-force on the car, (p. 25) helping to maintain the vehicle on the track.

This highlights the importance of software design prior to construction of the car and how this can increase the car's overall performance.