





Young motorcyclists are most at risk when taking a bend, particularly when the rider is fearful due to lacking the sufficient knowledge and experience to safely and effectively navigate the road.

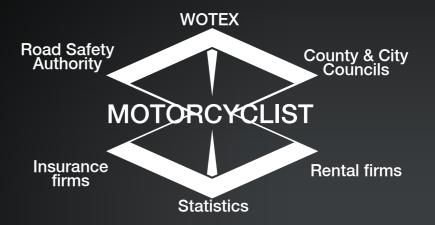












WOTEX captures and brings valuable data to all stakeholders in the product ecosystem while maintaining focus on the experience of its users.

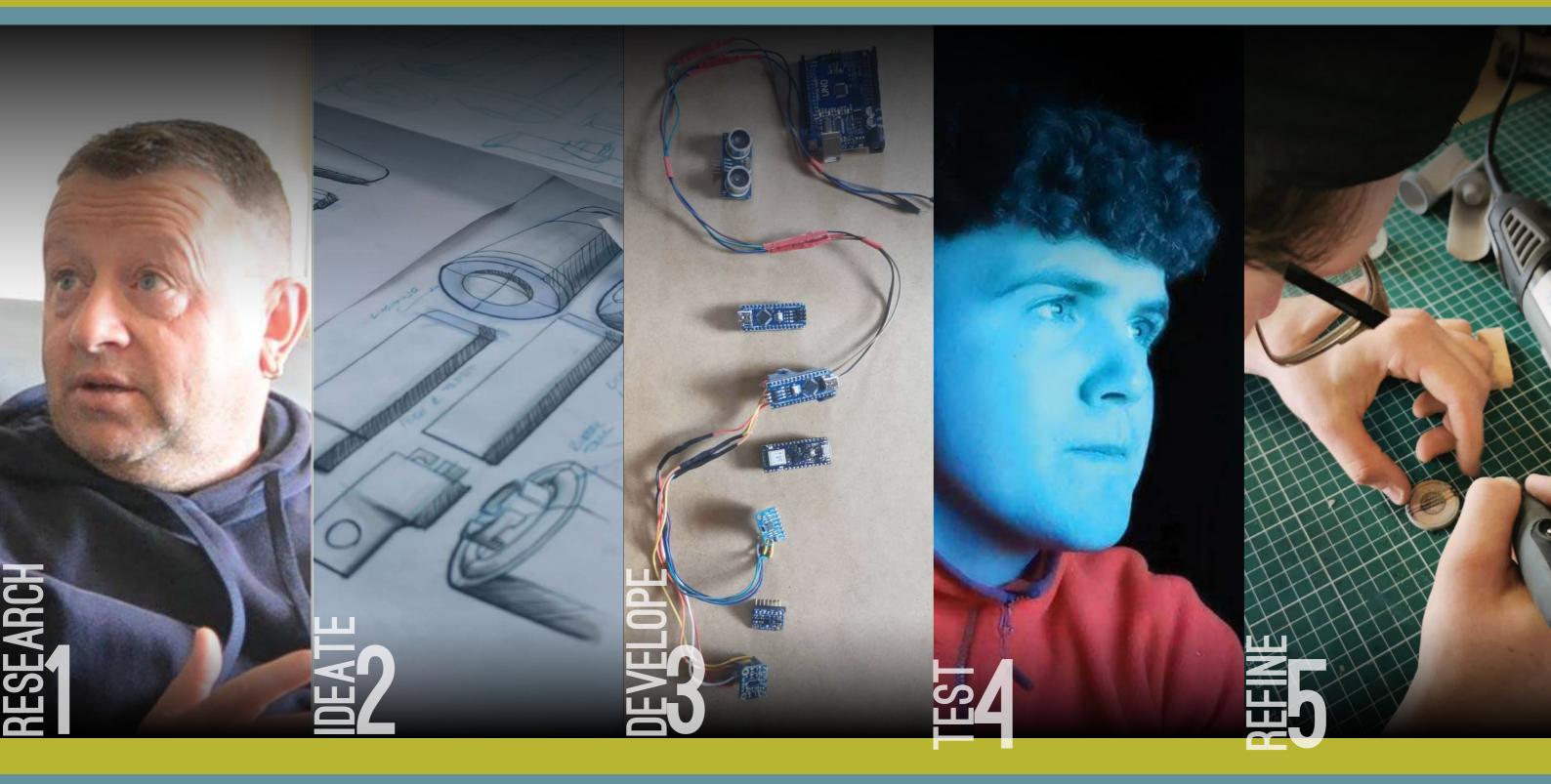


The data captured shows movement patterns and can be used to identify problem areas that can be used by authorities to perform predictive maintenance and enhance infrastructure for all road users.



Inspired by a friend and his family. In 2013, his father was travelling a winding road, A slight error in judgement while taking a bend, he lost control. Not only did this result in the loss of use in his leg but led to the emotional and financial strain on his family that has changed their life's.

PROCESS



MARKET

3,750

3,750 Motorcycles licenced throughout Ireland in 2019 and grows year-on-year.

Bikers are exposed to a highly competitive marketplace where safety is that dominant driver for the motivation to purchase the latest safety technology.

Most often, technology is adopted from the automotive industry and adjusted to suit Powered Two Wheel vehicles. It is much less common for technology to be specifically designed to the cater for the needs of the motorcyclist.

Industry growth In Europe



Declining markets

Fastest growing markets

Largest markets

Other growing markets





Interview & deep conversation



Behavioural Observation



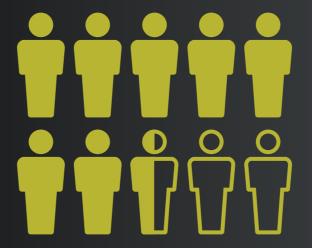
Online Contextual Surveys

To truly understand the motorcyclists, I took a deep dive into the motivations, habits and fears that are associated with the powered two wheelers.

The main findings were that motorcycles are most often used as a multi-functional mode of transport and their users use them to carry out everyday tasks and for leisure activities.

Bikers are highly understanding that safety is largely in their hands and are proactive in tackling the controllable factor and therefore, are willing to go the extra mile to ensure their safety.





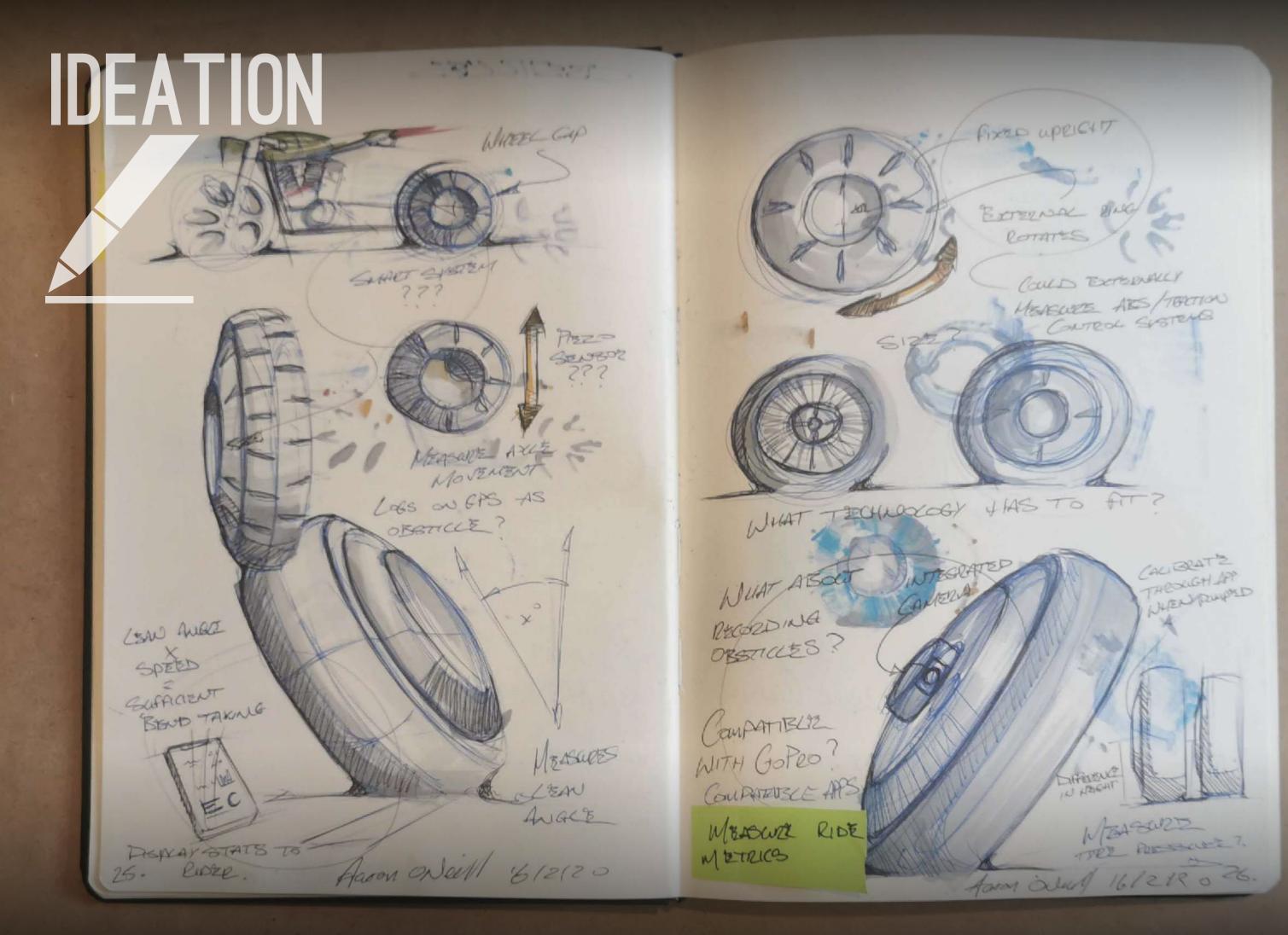
74% of bikers experience at least 1 "off" during their motorcycling time.

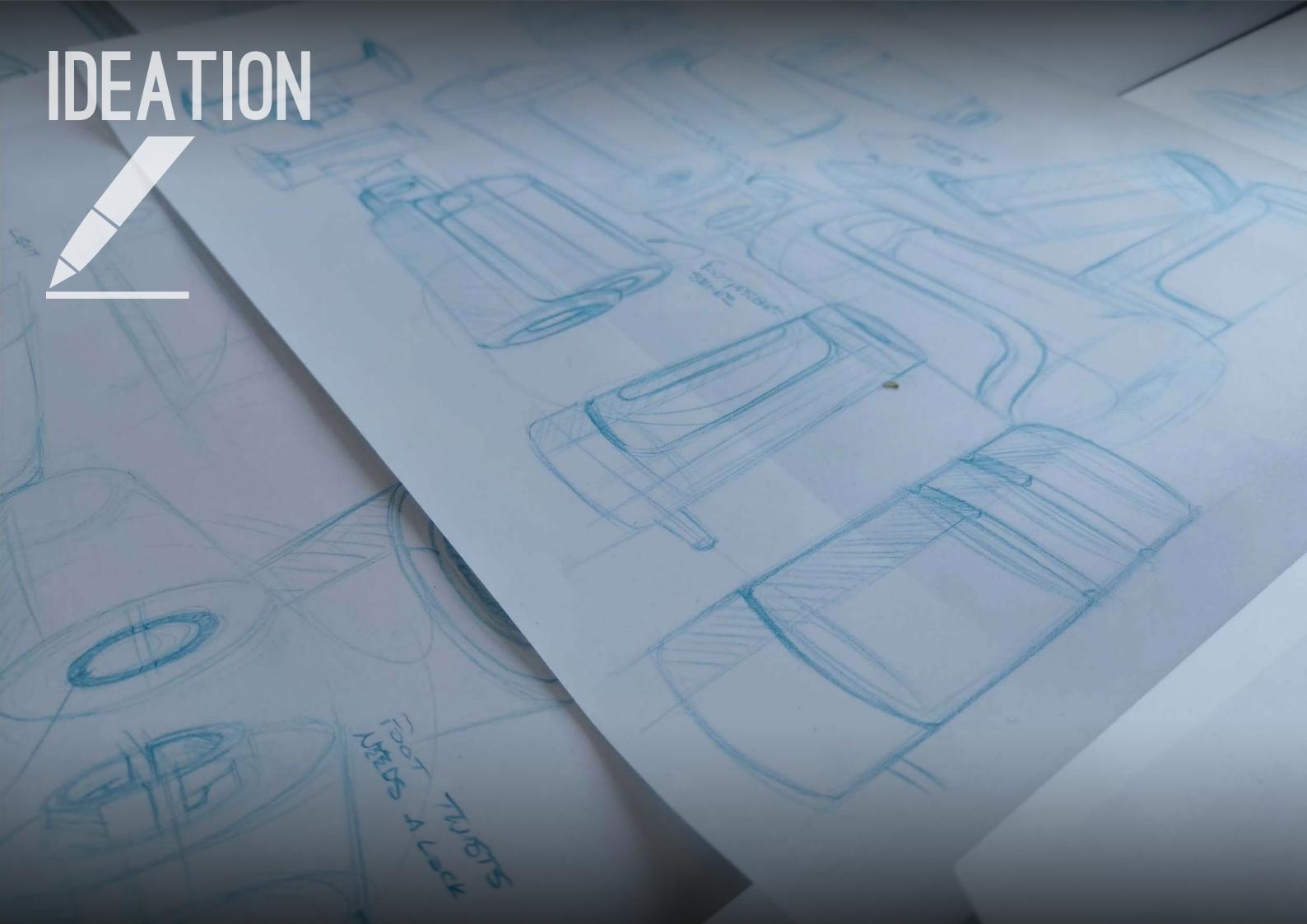


Motorcyclists are 72% more likely to be killed than other road users, making them the most vulnerable of all road users.

1/3

1/3 incidence are single vehicle accidents







DEVELOPEMENT STAGES



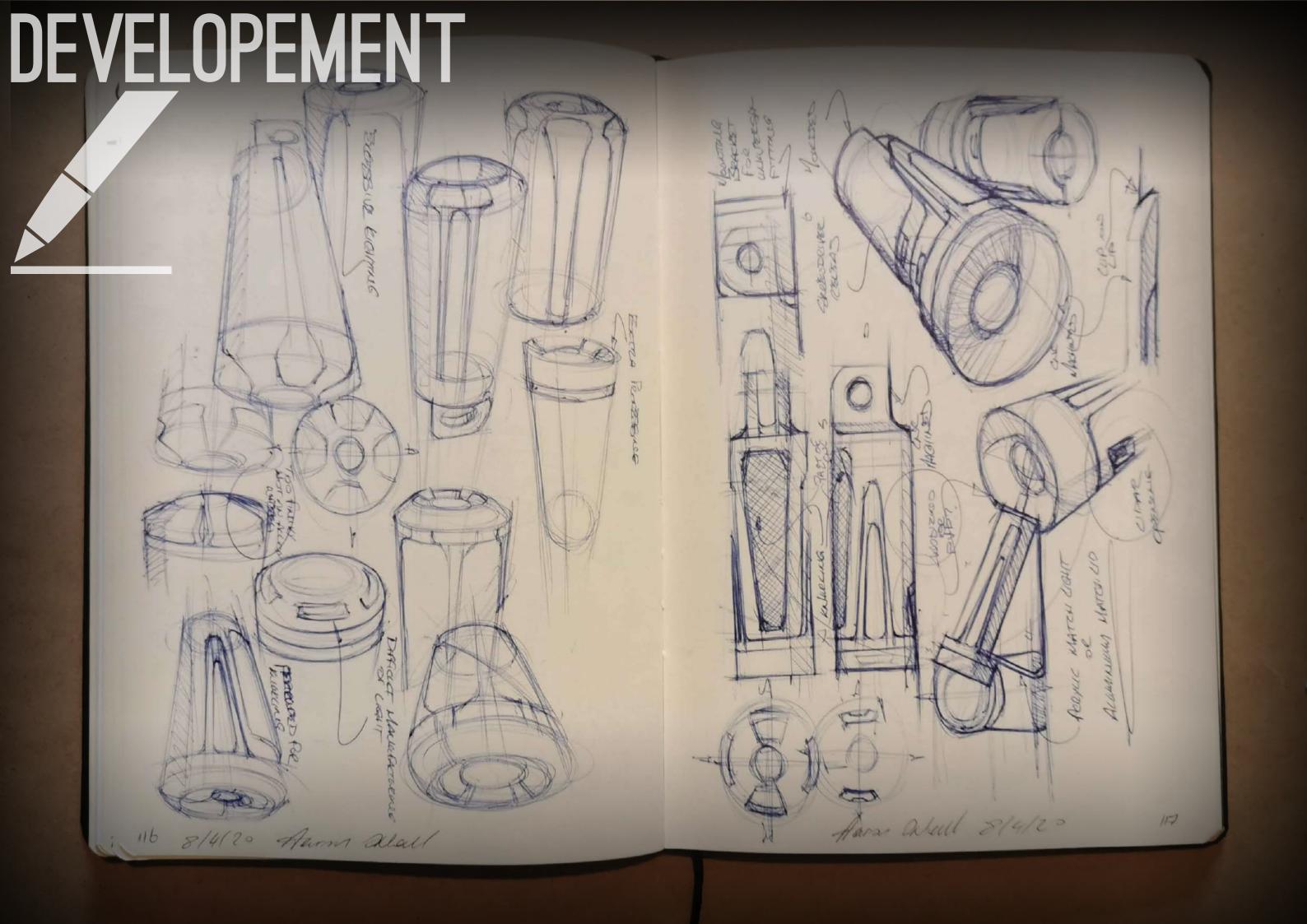




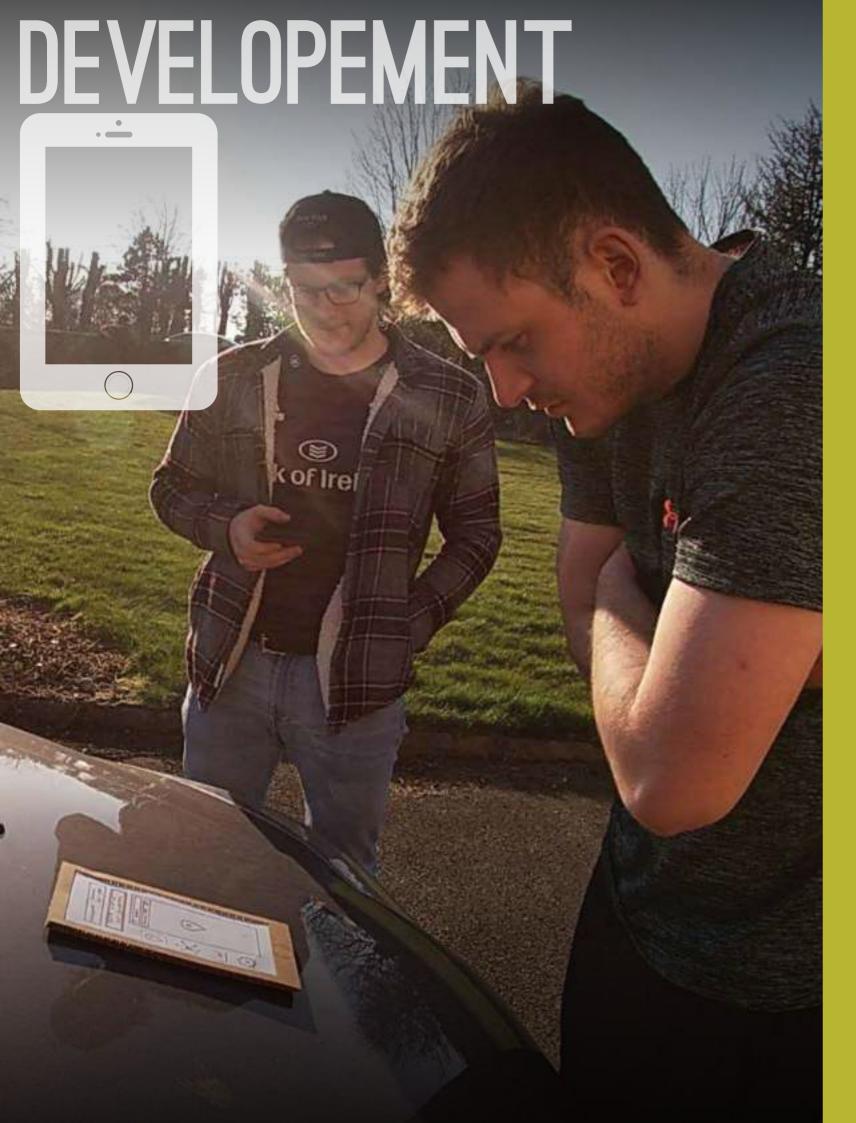
Application





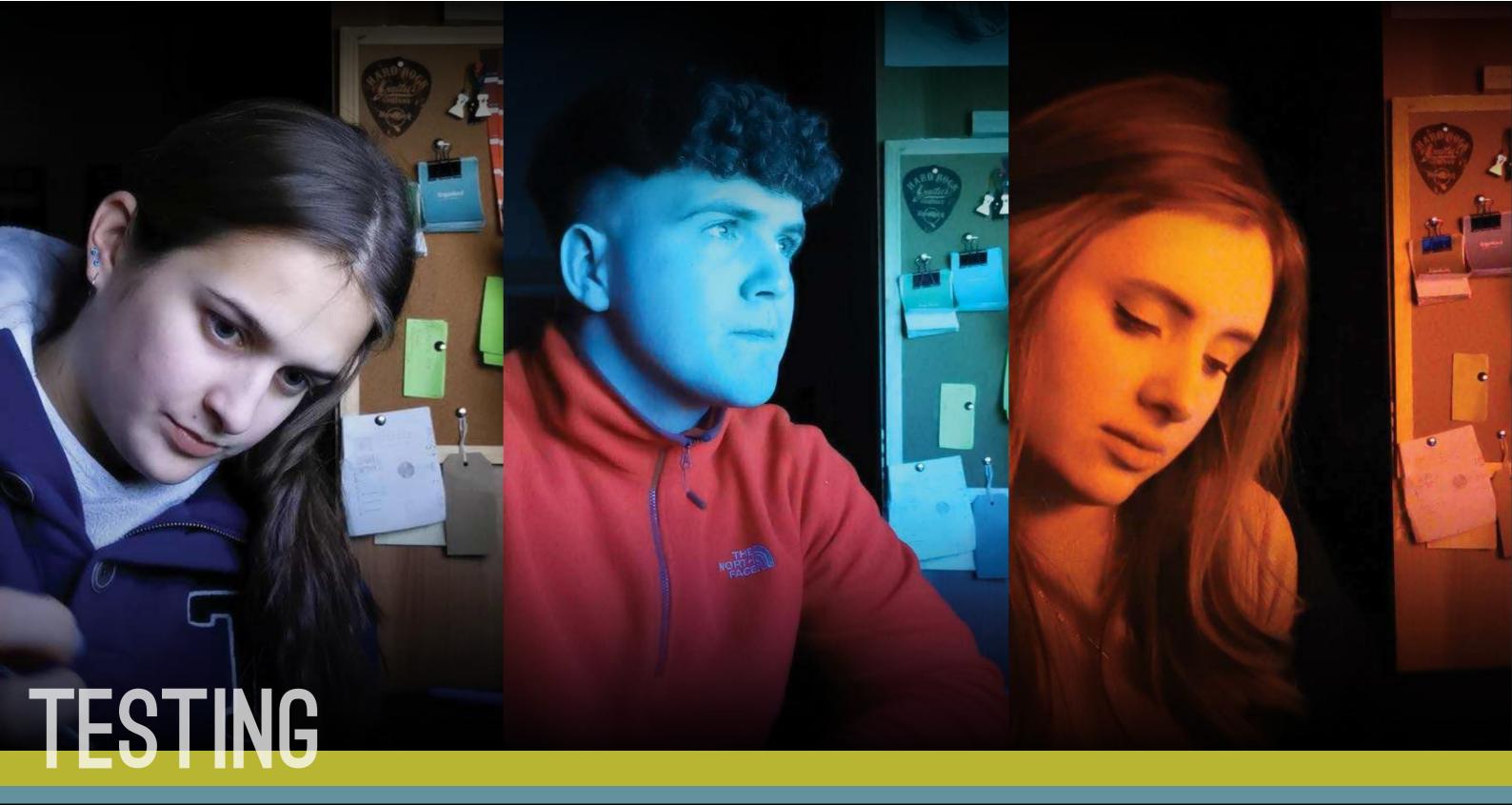






Testing of the application is essential to the overall experience and engagement of the motorcyclist. The aim is was to attain the simplest possible way for the user to achieve any task through visual ques to encourage the social and educational features.

Extensive application user testing of multiple user flows was carried out to during the development of the application to ensure the holistic experience.



Development of the application was predominantly informed by the iterative user testing.

Visual ergonomics and attention to all senses are important considerations to ensure utmost safety for bike riders.

Colour testing was utilised to optimise the emotional responses of the user to invoke a calm and deliberate reaction to applications informative notifications.



PROGRESS BEFORE PERFECTION





