

# Project Description:

## **Plans and Progress:**

How it has progressed:

As we agreed on developing an online motorcycle web store, the first thing to do was to build the website itself using three main languages including HTML, CSS and JavaScript. So far, we have completed building the landing page of the website, which includes the featured product along with its basic information, section links to other pages of the website, a search bar and basic social media contacts. At first, the website could only be accessed offline by downloading its components and launching it locally on a computer, but currently, the website is now able to be accessed online by anyone with a link to it. The animation of the login form when users click on the login button was implemented by the JavaScript's script tag embedding in the file HTML...

As mentioned in the presentation, the web will also implement the use of augmented reality (AR) and artificial intelligence (AI chatbot). The AR technology will be used to create virtual models of products, which are motorcycles and/or parts. Currently, the team has decided that the AR will be used for previewing products in real life, effectively helping customers with the information of products. Meanwhile, the AI chatbot will be used as a guide for customers visiting the website, effectively helping them navigate the store and choose products. So far, we are planning to have the AI ask users a series of questions about their preferences, then based on the answers, recommend them with products that best fit said preferences.

## **Risks:**

For our project aim which is to develop an online web store for the purpose of advertising and selling motorcycles, there are certain risks to be aware of as we proceed with the project. First of all, as our website acts as an online store, it requires the need for the implementation of user accounts in order for customers to interact with the store, including ordering items, saving items to a wishlist, favoriting items, applying for promotions and vouchers... As we implement user accounts into our website, there is a risk regarding the potential lack of security for these user accounts, mainly as a result of us being novices to the IT world, possibly harming current and potential customers.

Next, we can also mention the risk of the inconsistency of information among members in maintaining and managing the information provided by the website. Although the website is essentially a motorcycle store, a few members of us are not well-educated enough in regards

to motorcycles and automobiles in general. As a result, data inconsistency regarding the products provided by the website may occur, as certain members do not possess enough expertise in the area. This may lead to confusion for customers and viewers who visit the website, negatively affecting the project.

**Timeframe:**

13	My group intend to unify the adjustments and polishes to the website (locations of elements, login window, text fonts and sizes, images, general aesthetic features...)
14	Internal testing (among members and friends) and debugging
15	Launches the website for public beta testing, promotes the beta website among communities with high interests and demands in the motorcycle industry
16	Receiving feedback from the beta's customers or users and debugging, finalizing the website with the well-dressed interface. My group and I look back at our website developing processes and discuss each other