

a. Tools and Technologies

First to create a website we need code editor software. We choose Visual Studio Code Community. This is a free version and has support for many extensions like: live server, GitHub, docker, these will support our team for web development. Not only that, this is a software with a large community, so the ability to support problem solving is very reliable. the second is GitHub, one of the powerful tools that helps us bring everyone on the team together. We decided to use pro session because it will help us a lot in website development. features such as web-based, large storage capacity, in-depth project management are essential for our project. According to my team's experience, both of the above software has an easy to use interface and we have received a lot of support from their community so we are very confident using both to do this project. In addition to software, hardware is also very important to our project. To develop the AI chat bot feature and especially the augmented reality motorbike viewing feature, we need a computer system with a powerful CPU and GPU, such as the i7-th10 and RTX 4000. We need mobile devices with at least 2 cameras to facilitate the development of AR technology.

We use basic tools for debugging and testing like: Selenium which is used for website functionality testing and database testing, or Ranorex for UI testing, next we will use the JMeter tool, which allows us to see the performance of the website and find solutions to improve the user experience. All this testing software have been recommended by experts, so it is very reliable. Also, these are tools that early web developers know.

b. Testing

Testing will be done step by step. Following are the must-dos for testing jobs: Functionality Testing of a Website, Usability testing, Interface Testing, Compatibility testing, Performance Testing, Security testing. We will break down the testing work into parts. Creating checklists and test cases will help us not to miss any bugs. To ensure that the project is on schedule, testing will take place throughout the development process. Which means we will test and test after certain features have been completed. For us the success of a website is a website that achieves its original goal, which consists of a simple, easy-to-use interface and

outstanding features. The criteria set out by the team must work well such as: accessibility, simple interface, all functions working well, stability of the website, images displayed in high quality, security and enhance the customer experience. We will publicly open a simulation website for customers to experience and collect customer feedback on our products from which to consider whether it is suitable for the original goal. If appropriate, we will absorb and correct the shortcomings. We need a user base to test the features and experience of the site and expect more than 1000 site visitors. We will launch advertisements about the website through motorcycle groups on social networks. The last part is the feedback from users after the experience is complete. A small reward will be given to the lucky person who completes the feedback section to attract more participants.

Group processes and communications

Communication with team members is very important. The success of a project cannot be completed by one person. There will be many problems and many changes will occur throughout the project. Therefore, the discussion in the group is very important not only for appointments and we also exchange code with each other through GitHub. Usually, we have online meetings to discuss the difficulties that members face and then find a solution. The frequency of the online meetings will be every Wednesday night, because we think this is the right time of the week to sum up the issues encountered. In addition to the online meetings, we also organize face-to-face meetings at the end of each week, a time to summarize and discuss the progress of the work. We also have a Messenger chat group to discuss more about small issues. We always encourage and motivate each other in communication. If a team member ignores a message or meeting, the team leader will be the one to find out the reason and then give advice to the team member to return to work soon. If the matter continues and there is no good argument. We will either remove the member or replace the member with a new member. We are very concerned with the reputation and progress of the work, so the members participating in the project must comply with the group's regulations.

Timeframe

Week	Processing
1	All member will meet and get to

	<p>know each other to create a good impression, which will make communication easier during the project. we will discuss project brief.</p>
2	<p>We started to research the website's market and target'customer . Goals and regulations are also defined</p>
3	<p>The content of the website will be planned by the members responsible for the design work. this week we will prepare a working environment like Github</p>
4	<p>This week, we're going to divide the work of the team members specifically and schedule the whole project.</p>