**Release Testing**

**Testing Strategy**

As our website is designed for students age between 11-16, we want to make it straightforward and easy for learning how to code. The website is tested by collecting feedback from secondary school students. Throughout the project, meetings were arranged with the client to get advice and ensure the developments are correct and satisfactory.

**Core User Story**

“As a student I want a website to be straightforward to understand and use a wide range of code blocks for having a good coding experience.”

Mostly students will be the users of the website because the main goal of the Drone Control project is teaching coding to students. Therefore, we have chosen this user story to test if our website is convenient.

**Release Testing Table**

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| Test | Explanation |
| A new student who visits the website for the first time, will be able to understand how website works. | The helper pop-up gives the user a quick explanation about how the website features work. This means the user can understand the website without spending too much time on it or having prior knowledge. |
| A student be able to use code blocks to make meaningful code pieces which integrates with drone simulator. | To make the website more efficient and enjoyable for learning coding, we thought it is a good idea to add shapes on the simulator as a target point so their achievements can be recorded. The user will create a code piece with draggable code blocks and load their code by using the “load code” button to achieve these target points. The drone simulator will move according to the code, and when the code is correct, shapes will change their colour from red to green. |
| A student can save the code and upload it back for future changes. | The “save” button enables users to save their code blocks as a file in their personal computers. The students can then reupload their code blocks to the website by using the “upload” button. This means that the users can modify their codes and keep the previous version. |
| A student can keep their data on the page. | Student’s data will be saved automatically on the page in case they accidentally leave or refresh it. |