**Own Issue Project Proposal**

| Name : |  | | |
| --- | --- | --- | --- |
| Who is your project for? | Describe the subject, group or organisation you will be creating something for.  *Maths teachers* | | |
| Who will be your stakeholder? | What is the name of the ‘person’ that you will be communicating with throughtout this products development?  Mr Gibson, possibly other math teachers | | |
| What do they need to be solved? | Describe the problem / solution you will create / try to solve.  Interactive visual assistant for students learning algebra.  Should help understanding basic algebra including solving equations through rearranging and distributing over brackets. | | |
| What it is that you intend to create? | Website? If so, how many pages/sections? What will they show?  Publication? If so, how many pages/sections? What will they show?  Videos? If so, how many and what content will you address in each?  Etc.  *Website with interactive* [*https://scratch.mit.edu/*](https://scratch.mit.edu/) *-like interface allowing students to interact with algebraic operations on an expression. Teachers should be able to design content and assign to students.*  *GUI elements may have animations, etc. designed with* | | |
| How will you address synthesis? | What different technologies do you believe will need to be developed to operate alongside each other? E.g. HTML & CSS with PHP or Database with Graphings tools etc.  Standard web technologies – HTML, CSS, JS.  *Possible use of typescript and frameworks for organisational purposes and DRY – code deduplication.* | | |
| Where will your content come from? | Describe how your obtain the content you will need.  Identify the content you will need to create.  I will design and create the website and animations | | |
| What are the specifications that need to be met? | Create a list of all the specifications this project needs to meet. If you need some ideas look at the issue provided.   * Must give a visual environment for the user to play around with the expression * Intuitive controls * Must give the user information about any concepts they do not understand | | |
| Status : | Approved Rejected | | |
| Teacher : |  | Date : |  |