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| Project Proposal form | | | | | | |
| Learner Name | Esteban Lanza | |  | Learner number | 6633 |  |
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| Centre Name | Peter Symonds College | |  | Centre Number | 58281 |  |
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| Teacher Assessor | Sam Holmes | |  | Date | 10/07/2018 |  |
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| Unit | Artefact | |  |  | |  |
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| Proposed project title | | Develop a website to assist GCSE students on their exam revision | | | |  |
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| Section One: Title, objective, responsibilities | | | | | | |



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| Title or working title of project (in the form of a question, commission or design brief)  I have decided to write a brief of the project instead of a question, so it suits the nature of my work. I have also obtained a brief from my client that contains specific requirements that I have to fulfil in this project.  Project brief: Create a fully working website focused on helping GCSE students in their revision by providing material and other learning resources. The website should be launched online by the end of the project.  Brief from the client: Create a website that will not only attract young students, but should also retain them so they will use the website in the future. The website should also be able generate revenue but without the use of any ads.  Project objectives:  - I want to specialise on the development of both of the front end and the backend of a website. This can be done by learning how to code in different languages (HTML, CSS and JavaScript) to an intermediate level.  - Understand how companies/corporations monetize their websites without the need of using ads.  - Learn how to host a website in a public online server.  - To understand both aspects of the creation of a website; the programming part and the business side. | |
| Section Two: Reasons for choosing this project | |
| Reasons for choosing the project:  This project overlaps greatly with the subject of computer science and it also involves a small percentage of maths, subjects which I’m interested and involved with in College. By creating a website, I expect to improve both my programming and my graphical design skills, as well as expanding on my computer science knowledge. Also, by doing this Extended Project on my own, I will learn valuable skills that will help me on my further studies such as time management and essay writing.  Beyond this project, the skills and knowledge about computer science that I learn from doing it, will be really helpful as it will aid me on understanding similar material on my Computer Science A-level, and therefore give me an advantage when facing the exams.  Beyond the school: this project will help develop myself as a computer scientist and will give me a further sense of responsibility when facing extensive projects. The programming skills that I will get from this work are of great value, as I would be able to use them for my own projects. | |
| Section Three: Activities and timescales |  |
| Theory  Research:   * How to design a website: ------------------------------------------------------------------ * Learn languages to develop the website (Html, CSS, and JavaScript). * Learn basic graphical design in Photoshop. * Research on how to put it all together. * Research on relevant websites: ----------------------------------------------------------- * E.g. MyMaths, CodePen, Khan Academy. * Useful content of the website: ----------------------------------------------------------- * Youtube videos focusing on revision techniques. * Past Papers for each subject. * Notes for each subject. * Links to other useful pages. * Shop with useful school materials (link to amazon) * Research on the subjects and its topics: ------------------------------------------------ * Main subjects supported: Maths, English and Science. * Research on the topics covered. * Material needed e.g. Past Papers, notes.   Practice: -----------------------------------------------------------------------------   * Created a small website with knowledge acquired from the research, but didn’t launch it online for monetary and time issues * New graphical techniques learned such as creation of logos and backgrounds. * Learn how to put a website together so its fully working before release * Create a template for the project.   Realization of the project  Documentation:   * Documents for the project: --------------------------------------------------------------- * Activity log, sources. * Screenshots: * Taken from the development of the website   Realization:   * Creation of the website:------------------------------------------------------------------- * Graphical design. * Creation of Front-end and back-end of the website. * Materials and information implemented. * Shop created with Amazon Affiliate program. * Launch it online ----------------------------------------------------------------------------- * Launch it on a free platform * Name it StudySesh   Formal project presentation: ------------------------------------------------------------- | Duration   * 2 weeks * 2 days * 2 weeks * 2 weeks * 3 weeks * Updated every week * 4 weeks * End of October * TBD |
| Milestone one:  Target date (set by tutor-assessor):  Milestone two:  Target date (set by tutor-assessor): | |
| **Section Four: Resources** | |
| What resources will you need for your research, write up and presentation (eg, libraries, books, journals, equipment, rehearsal space, technology and equipment, venue, physical resources, finance):  Research:   * Books or journals: * College library. * CREDO reference, for background information and journals. * Gale database for journals. * Online resources: * SoloLearn, for learning programming. * EDX and coursera, for website creation courses. * Amazon, for monetization research. * GetRevising for materials, like notes and past papers. * Other resources: * Articles and magazines. * Exemplar websites to take inspiration from.   Equipment used:   * Home computer: * I5 8th gen CPU * 16gb of Ram * Nvidia 1060 6gb graphics card * Monitor * Average mouse and keyboard. * USB memory stick to transport work. * Online software used for the project; * GitHub, to see and edit the project in every computer. * Photoshop CS6 to create the graphical design. * PowerPoint and word to present the project. | |
| **Comments and agreement from tutor-assessor** | |
| Is the learner taking this project as part of the Diploma? Yes/No  If yes, which Diploma are they taking? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Comments (optional):  Is project derived from work which has been/will be submitted for another qualification? Yes/No  Which qualification (title and unit)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Comments (optional):  I confirm that the project is not work which has been or will be submitted for another qualification and is appropriate.  Agreed: (name) (date) | |
| **Comments and agreement from project proposal checker** | |
| Comments (optional):  I confirm that the project is appropriate.  Agreed: (name) (date) | |