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| **Problem Solving (A3) Report** | **Topic: Fields of study within Computer Science** | **Date:** January 22, 2021 |
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| **1. Identify a Problem** | **PLAN** |  | **4. Propose & Implement Countermeasures** | **PLAN/DO** |
| Computer Science is a very extensive field of study, which is separated into various fields in which each of these has its different topics and skillsets required to master it and be good at. The problem we’ve seen is that most CS students are not aware of all the different expertise they have which leads some of these to study the field yet not understand which of these are a specialty more suited to their set of skills. In turn, some end up disliking it, even stop studying it thinking they're not good at it when they’ve only seen one or two sides of this vast field of study. | |  | These steps are subject to change as we implement and encounter difficulties along the way. The tasks that must be completed are: search the information of what CS is composed of building a database that stores the searched information, design a webpage with the questions required to understand the person’s skills, and finally give this webpage access to the database created and return expected results. | |
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| **2. Set the Target** | **PLAN** |  | **5. Check/Evaluate** | **CHECK** |
| The target would be to develop a platform which will allow the clients to search the information of what CS is composed of building a database that stores the searched information, design a webpage with the questions required to determine and understand the person’s skills, and finally give this webpage access to the database created and return expected results. Also inform and provide updates on their cases through the use of a website. | |  | It is expected for the members of the team, to select a spokesperson for the organization, who will serve as a client and provide the necessary input for the methodology in which each case’s information is going to be entered to the platform, stored, retrieved and finally presented as output. Future progress meeting must be coordinated leading to date of the project’s completion. | |
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| **3. Analyze the Causes** | **PLAN** |  | **6. Act and/or Standardize** | **ACT** |
| The purpose of this project is to help anyone interested in CS understand what parts of the field they would do well in or be interested in, motivate them in studying it, and avoiding low interest in it because of lack of education. | |  | This project has yet to have results to be evaluated and verified. | |