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| **Project Name** | ALDA Runner | | |
| **Submitted By & Date** | Dave Hoevenaars 22-06-2021 | | |
| **Strategic Objective** | Automating Fontys E-Learning environment | | |
| **Project ID** | 2021\_SOFA\_Hoevenaars | **Confidentiality** | N/A |

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| PROBLEM STATEMENT |
| Fontys is in the middle of shifting from the MIrcosoft Sharepoint E-Learning environment to the Canvas environment. This shift is desirable because it gives a lot of room to automate things, as of know the process can be labour intensive. Canvas boasts a REST API |

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| 1. OBJECTIVES - SMART | 1. CRITICAL SUCCESS FACTORS |
| The goal of the ALDA Runner project sequence is to develop a proof of concept and corresponding documentation of a more automatable approach to be able to streamline the checking and grading of homework and make it less labour intensive. This proof of concept should be delivered by 22-6-2021 | The solution should be easy to understand and maintain as increasing personnel numbers will increase the amount of users, further more the solution should safe-guard the actual solutions to the given assignments |
| 1. RISKS | 1. SCOPE FOCUS |
| In the Aldarunner I identified a few risks which may occur such as:   1. Stretching the project’s time scope due to unfamiliarity with programming concepts 2. Not achieving customer satisfaction due to not meeting the client’s requirements 3. Employee capacity decrease because of illness  | Risk | Probability | Impact | Exposure | | --- | --- | --- | --- | | #1 | 2 | 4 | 8 | | #2 | 1 | 5 | 5 | | #3 | 5 | 4 | 20 | | In scope of the Aldarunner project sequence is:   1. A report explaining analysis, design and research choices 2. Documentation + How-To 3. Working proof of concept |
| 1. DELIVERABLES | 1. BUSINESS CASE |
| * + - 1. Roadmap for automated correcting       2. Research of possibilities of Github Actions in combinations with Github Classroom       3. Documentation | The business case in non-financial; providing customer satisfaction by delivering a well-documented research on how to use Github Actions and Classroom to fulfil the need for automation |
| 1. PROPOSED START & END DATES | 1. STAKEHOLDERS & RESOURCES |
| Aldarunner project sequence will start at 12-3-2021 and will end 22-6-2021 | The resources we will utilize for the completion of the Social Stuff project sequence include:   1. GitHub Tutorials 2. Coding Standards 3. A shared repository on GitHub to do work simultaneously 4. MS Teams platform for communication   Furthermore to support the completion of the project sequence we have stakeholders:  Richard van den Ham: Business Owner  Pieter van den Hombergh: Project Governance |

**Approvals**

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| Business Owner | Richard van den Ham | *Date* |
| Project Governance/Lecturer | Pieter van den Hombergh | *Date* |
| Supplier | Dave Hoevenaars, | 22-06-2021 |