



## Business case

Name:	Mikayla Peterson
Community & UN SDG(s):	Small Scale Producers of Cocoa and Coffee [SDG 1 and 12]
Date:	October 22, 2023

<b>Proposed Project</b>	Fairtrade Certification Management System
<b>Date Produced</b>	October 22, 2023
<b>Background</b>	Fairtrade is an international standard that is used to regulate the growth of key individual ingredients in particular products as well as the regulation of the product itself in several areas including trade and production of the actual product. The application process to become a Fairtrade ingredient producer can be daunting and it can be difficult to keep track of what documents and information that you need to provide to the certification body, as well as when you need to supply up to date copies of these documents. The certification has to be continually renewed and the certificate holder can be audited at any time.
<b>Business Need/ Opportunity</b>	<p>As of right now, the current process for becoming a Fairtrade ingredient producer (i.e. a small scale producer) can be complex and hard to understand. This is due to the sheer length of the standards documents (40+ pages) and the language used in them. Fairtrade doesn't appear to offer any assistance with helping producers organize and keep track of these documents. Documents required for this certification are simply emailed to the appropriate licensing body and then the licensing body follows their own internal application scheme.</p> <p>Since it is critical to keep track of these documents and it can be difficult to navigate the standards document, there is an opportunity to make an application that helps the producers keep create and keep track of these documents as well as specific dates related to the certification process.</p>
<b>Options</b>	<ol style="list-style-type: none"> <li>1. Cross platform mobile/desktop application</li> <li>2. Web application</li> <li>3. Don't do the project</li> </ol>

## Cost-Benefit Analysis

Option 1 – Cross Platform Mobile/Desktop Application	
Cost	Benefits
<ul style="list-style-type: none"> <li>- Will take more overall time to develop than a web application <ul style="list-style-type: none"> <li>o Need to test on a variety of targets (at least one mobile device and one computer)</li> </ul> </li> <li>- Will need to spend some time becoming familiar with .NET Maui and the deployment process</li> </ul>	<ul style="list-style-type: none"> <li>- I'm also using .NET Maui for capstone so using it for this project will help with capstone</li> <li>- Open source technology so the development tools are free</li> <li>- Users can download a local version of the application to keep on their device</li> </ul>

Option 2 – Web Application	
Cost	Benefits
<ul style="list-style-type: none"> <li>- Will need to figure out website hosting</li> <li>- Takes more effort to initially set up (in my opinion)</li> </ul>	<ul style="list-style-type: none"> <li>- Accessible on a wider variety of devices</li> <li>- I have some experience making web applications</li> </ul>



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| - User needs to have access to the Internet to use the application |  |
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Option 3 – Don't do the Project	
Cost	Benefits
- I will probably fail the class	<ul style="list-style-type: none"><li>- Free (in terms of time and money)</li><li>- The target community can keep using tools they are likely already familiar with</li></ul>






## Recommendation

Option 1 – Cross Platform Mobile/Desktop Application