

Project Planning & Initialization Scrum

ENSE 405 - FairTrade Certification Management System

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Business Case

- 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.
- The complexity of the application process is partially 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.
- 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.

UN SDG(s) Selected

- SDG 1 No Poverty
- SDG 12 Responsible Production & Consumption

Current State of Technology & Associated Support

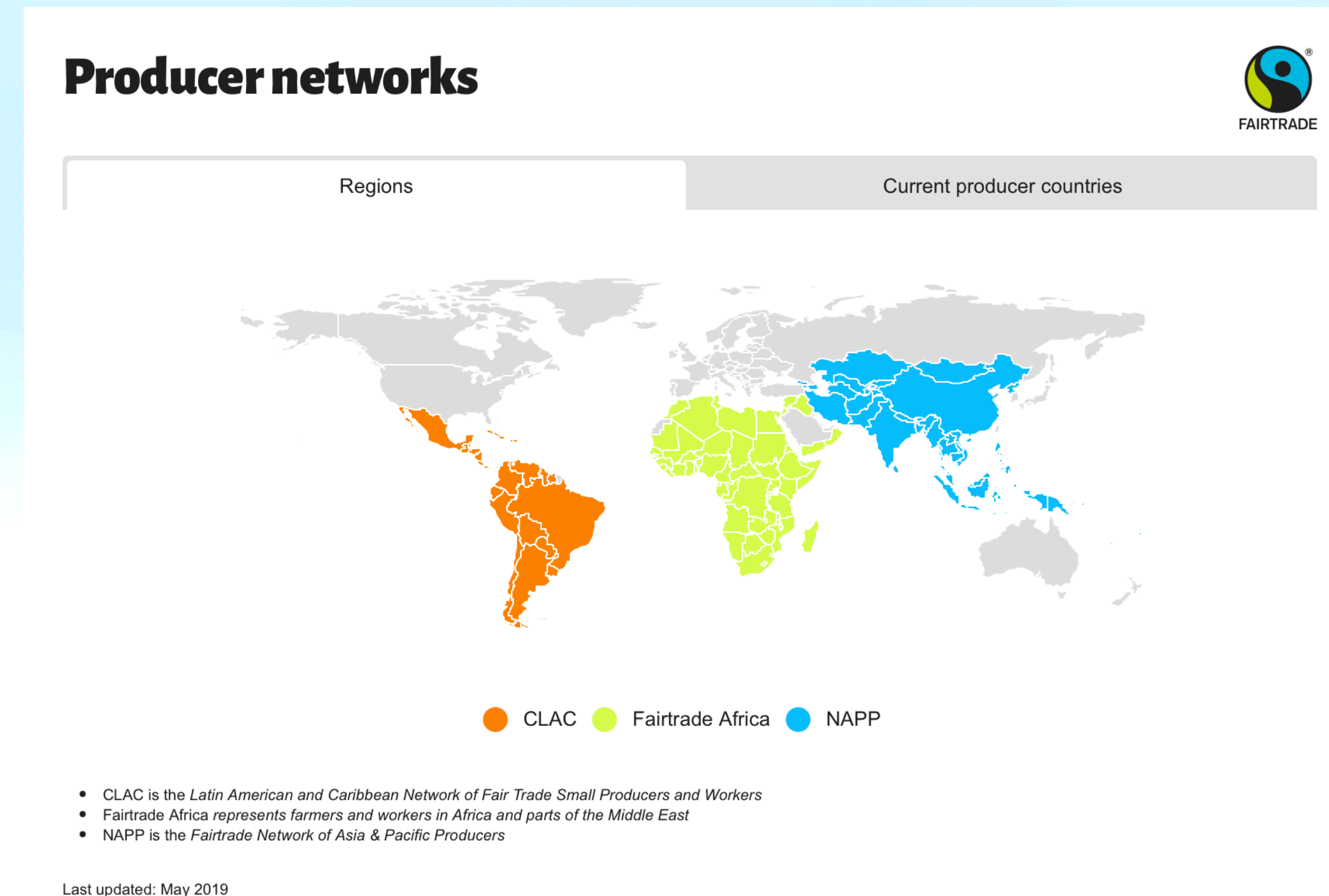
- According to the International Fairtrade website, everything related to certification and licensing is handled through e-mail including any and all inquiries and applications
- This means that documents such as budgets and crop plans that need to be kept track of are floating around numerous e-mail threads

Focus Reason

- This project will fill in a gap
 - The current language and overall length of the standards is daunting and can make it difficult to approach obtaining the certification
 - Information regarding certification is also strewn across numerous webpages and even websites and can make it difficult to track down what you need

Project Impact

- Since I'm focusing on trying to help producers with the process of becoming Fairtrade certified, the impact of this application is mostly global due to how the current Fairtrade producer networks are set up. If in the future Canada is added to the producer network, this project will have local impact too.
- The impact I want to make is to help producers streamline and organize all their documents they need for applying for and maintaining their certification status.



Audience and Specific Community Orientations

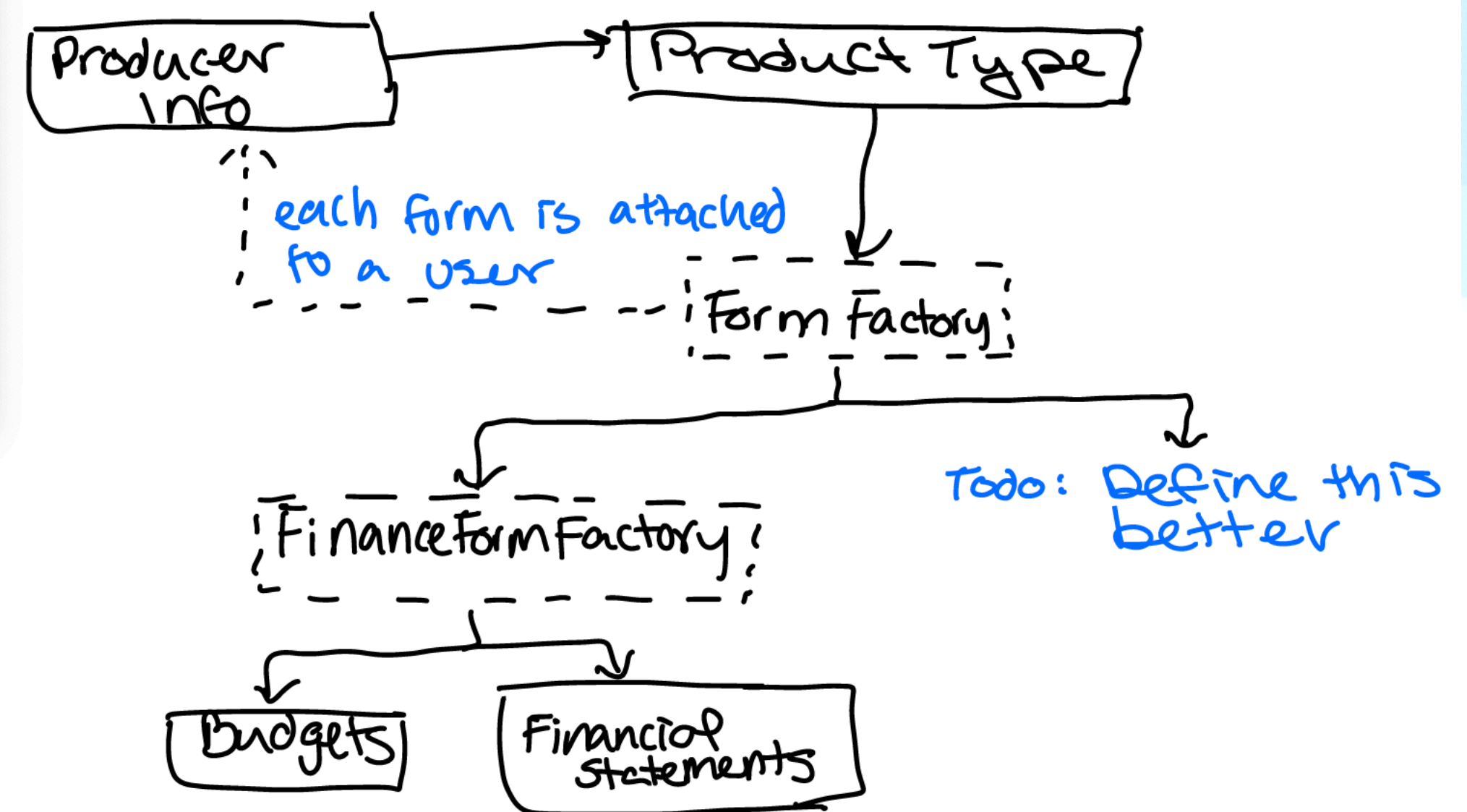
- Audience
 - Small Scale Producers of Cocoa and Coffee located in one of the three Fairtrade producer networks
 - A small scale producer is defined as a smallholder who doesn't depend on hired workers all the time, but instead run their farm mainly on their own or with their family (<https://www.fairtrade.net/standard/spo>)
- Community Orientation
 - I would say it's Service Context. Their mission to produce in a manner that is fair and sustainable is central to the way the community operates. I haven't decided what variant it is.

Envisioned Constraints

- All I have access to with respect to standards and information required for certification is what's publicly available
- I don't have direct access to my audience
- Need to become more familiar with my chosen technology
- As per usual, time is a constraint

Designed/Envisioned Software Architecture

- .NET Maui
- Diagram is not UML compliant and is just a super rough not yet well defined idea



Prototypes - Login and Signup

Login Screen

* keep language simple to keep it accessible to a wider group of people

Logo

Application Name

Login

username:

password:

Login

Other Link

Flocert

Fairtrade

International

Sign Up

have links to other relevant websites users will need access to

Sign Up Screen

Logo

Application Name

Sign Up

username:

password:

i

producey Network Location:

v

product:

v

Sign Up

Cancel

Login

could even just ask for country and auto select the network

put Full Names here!

CLAC Fairtrade Africa

Napp

right now i'm only doing coffee and cocoa due to time

Prototypes - Checklist and Calendar

Checklist Screen

indicate the product type

Checklist for Product Type	Show the actual standard for reference?
Finance □ item, date due, date completed	
Misc □ ~~~~~	

Entry

~:	
~:	

optionally this becomes a fillable form they can fill to meet the requirement

Calendar View (?)

indicate if associated action is overdue?

Dates	Month	Year
10 Event date/time	1 2 3 4 5	
	6 7 2 8 9 10	
	11 12 13 14 1 15	
	16 17 3 18 19	

indicate number of events

indicate priority & events with colours?

- Also should include a way to see past documentation as well