

Project Requirements

Humane Transport

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Business Requirements

Each party involved in Canadian animal transportation asks for essential information related to transporters and carried animals. Transporters are required to be familiar with this information. As a solution to this, a software application replacing the large amount of regulation knowledge and paper manifests for transporters to reduce the stress load of transporters is needed.

Stakeholder Requirements

A simple mobile application for transporters to collect information regarding animal transportation required by Canada Food Inspection Agency(CFIA) and other industry partners.

Functional Requirements

1. A simple mobile application supporting data collection of transporters
2. Data collection will avoid redundancy/repeating information(No need to fill the identical information among forms again)
3. This app must follow the rules and regulations of Health of Animal Regulation(HAR) section XII
4. Transporters information should be stored in a database which can be retrieved for later use.
5. App should have administrative control version for staff

Technical Requirements

1. A Cross-Platform mobile application using Kotlin Programming Language
2. Prototyping Tools: Figma Or Adobe XD
3. Version Control: GitHub
4. Testing Tool: Travis CI or Jenkins