

Project 43 – Malkha

Concept Document

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Client	Malkha

Description:

Malkha is a Non-governmental Organisation which works to uplift the handloom weavers. Handloom sector is run by people in rural areas who aren't tech savvy. Because of this there is a sectoral problem as the artisans in this field are not good with tech tools. Handloom has been made an organised sector by the government; however, the weavers find it difficult to be organised. Weavers and farmers struggle to fill GST returns which is required for a formal sector economy.

There is a lot of imitation by power-loom of handloom cloth. Power-loom textile being much cheaper, crushes the handloom industry. Buyers are fooled into believing that the power-loom textile is handloom. Hence, a method for authentication must be introduced.

Profile of Users:

The users can be classified as:

- The handloom workers. This includes the weavers, cotton producers, etc. They are decentralised rural people who have less technological knowledge. They may not have strong access to the internet.
- The buyers. They use the application to check the authenticity of the textile. They are expected to be more technologically aware, being active users of e-commerce applications.

Feature highlights:

An inventory management system that can help in keeping track of the inventory/stock at every step of the production. It Should be accessible through both mobile devices and computer. The Inventory system records each step in the process to maintain transparency to show customers the authenticity of the handloom textile.

It will be implemented with modularity for future purposes.