

PROJECT PLAN DOCUMENT

Project number	<i>51</i>
Project Title	<i>Inventory Management System</i>
Document	<i>Project Plan</i>
Creation date	<i>11th Feberaury, 2022</i>
Created By	<i>Karthik Prasannna N, Radheshyam Thyagarajan</i>
Client	<i>Malkha</i>

Brief problem statement

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. There is a lot of imitation by power looms of handloom cloth. We need to show authenticity of the hand looms. Problem of the SKU (barcode). For readymade clothes, if we scan the barcode and sell it, it can be updated in the inventory database. However, for cloth material which is sold in different lengths and partially, how do we automate this inventory update process?

Team Members

- Radheshyam T, Testing part
- Sambasai Reddy Andem, Frontend developer
- Karthik Prasanna N, Backend developer
- Srikar Bhavesh Desu, Frontend developer

Team Communication

All meetings will be held via Google Meet on weekends at a mutually agreed hour.

1. Weekly Meetings with Malkha client (Once a week) [MoM available]

- a. Formulation and discussion of weekly goals.
- b. Gain insights into the requirements.
- c. Demonstration of weekly prototypes of the features.

2. Swift Meetings with the Team (Once every two-three days) [MoM not available]

- a. Formulation and discussion of the daily goals.
- b. Division of the roles and responsibilities of every team member.

Development Environment

1. IDEs/Text Editors

- a. Visual Studio Code

2. Collaboration Tools

- a. WhatsApp
- b. Google Meet

3. Programming Languages + Technologies

- a. MERN stack (Mongo DB, Express, React, Node JS)

Milestone Schedule

Milestone	Due Date	Release	Deliverable?
Scoping	Jan 14	R1	No
Requirements	Jan 28	R1	No
<i>High level design and planning</i>	<i>Feb 11</i>	R1	No
<i>Scheduling and testing/R1</i>	<i>Feb 18</i>	R1	Yes

<i>Detailed Design</i>	<i>Feb 25</i>	R1	No
<i>Patterns</i>	<i>Mar 18</i>	R1	No
<i>Anti patterns</i>	<i>Apr 8</i>	R1	Yes
<i>End Project</i>	<i>Apr 24</i>	R2	Yes