

Department of Technical Education

Capstone project

Format- 1

Capstone project Scope Document

Capstone project Title: Smart Pigmy Collection

Group Members: Achal Patil	[339CS20001]
Ahmed Peerazade	[339CS20002]
Pratibha Jadhav	[339CS20018]
Soundarya Bommanhalli	[339CS20030]

Problem Statement:

As per my survey in current market to collect the payment pigmy collector are been used small machine or manually, to take the machine more payment is required and wastage of printout pages.

Objectives:

- ❖ Save Time.
- ❖ Reduce Manual work.
- ❖ Reduce Machine Cost.
- ❖ Get easy report to customer.

Capstone project description:

The Purpose of this project is create to “Smart Pigmy Collection” in this project pigmy collector can login using username and password after login pigmy collection can add the customer and add the daily pigmy payment in system customer can login to this system and check the deposited payment history in bank login banks also see the all customer deposit payment details to implement this project we are going to use full stack development languages like HTML, CSS, JavaScript, Bootstrap, PHP, MYSQL database.

Capstone project Deliverables:

❖ Bank module =>

1. Bank/Admin Login - In this module using username and password bank can login.
2. Manage Pigmy Collection - In this module bank can manage the pigmy collection details.
3. View Pigmy Collection - In this module bank can view the pigmy collection details.
4. View Customer - In this module banks can view the customer details.
5. View Payment - In this module bank can view the payment using username and password.

❖ Pigmy Collection Modules =>

1. Pigmy Collector Login - In this module using username and password pigmy collection can login.
2. Add Payment - In this module pigmy collection can add the customer payment.
3. Add Customer - In this module using username and password we can login the portal.

❖ Customer Module =>

1. Customer Login - In this module using username and password customer can login.
2. View Payment - In this module customer can view the payment using username and password.

Key Milestones:

❖ Bank Modules =>

- Bank/Admin Login
- Manage Pigmy Collection
- View Pigmy Collection
- View Customer
- View Payment

❖ Pigmy Collection Modules =>

- Pigmy Collector Login
- Add Payment
- Add Customer

❖ Customer Modules =>

- Customer Login
- View Payment

Constraints:

- Time line for project is limited.
- Online payment process is not possible because for this we require bank API'S.

Estimated Capstone Project Duration: 72 days(12 weeks)

Estimated Capstone Project Cost: 48,600

Title	Cost(Rupees)
Labor Cost	25,410
Cost of material	8,500
Net Profit	14,690
Total	48,600

Date

Signature of the student

Signature of the cohort owner