

# Project Management Document

**Project Title:** IoT Based Modern Fish Farming Aqua Resource Management SSystem

**Project Manager:** S. Sateesh Kumar

**Project Start Date:** 31-03-2023

**Expected Completion Date:** 17-07-2023

## Project Overview:

IoT-based modern fish farming uses sensors to monitor and manage aqua resources. Sensors track water quality, feeding, environmental conditions, and fish behavior, enabling real-time data collection. This information helps optimize feeding schedules, detect diseases early, control water quality, and manage waste. IoT also allows remote monitoring and automation, leading to increased productivity and sustainability in fish farming.

## Project Timeline:

Month	Work	Description
March, April	Meet, Work	Meet to gather the requirements. We are working individually for the project and also creating: -Abstract -Documentation -Code
May	Dataset Preparation	We are working individually on gathering the data from malls and supermarkets near to our villages.
June	Coding	Start writing Code.
July	Review&Finalize	Review all the modules and recover all the errors and complete the project.

**Role & Responsibilities:**

<b>Name</b>	<b>Role</b>	<b>Responsibilities</b>
V.Durga Poojitha	Developer& Coding	Write expreme codes for project.
J.Rama	Quality & Coding	Test project for bugs & errors.
R.Karuna Kumari	Designer & Coding	Design all the essential modules.

**Person-Hours Spent and Estimated Hours:**

<b>Name</b>	<b>ID Number</b>	<b>Hours Spent</b>
V.Durga Poojitha	S180373	46 hrs
J.Rama	S180036	43 hrs
R.Karuna Kumari	S180880	40 hrs

**Code Contributions:**

<b>Name</b>	<b>ID Number</b>	<b>Lines of Code</b>
V.Durga Poojitha	S180373	30
J.Rama	S180036	58
R.Karuna Kuamri	S180880	22