TOP STUDENT PROJECTS

Best innovations from VTU, Chintamani

PROJECT TITLE

Fish Breeding Season Monitoring and Alert System

Team - GitHub

1. Miss. Pushpa A
2. Miss. Ashasvini B
3. Mr. Adarsh Mugalolli
4. Mr. Satish



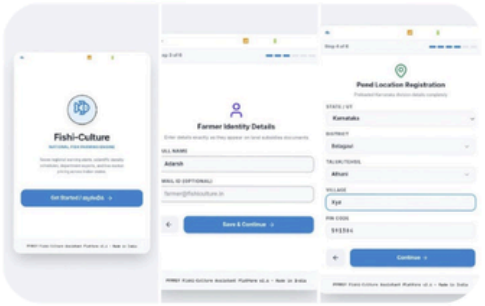


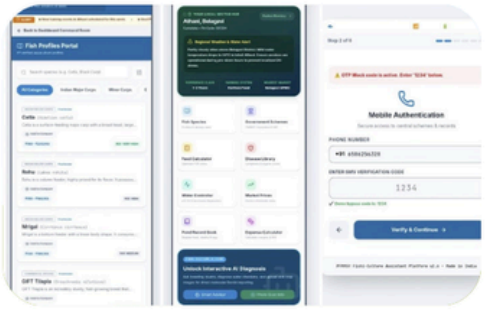
PROBLEM STATEMENT

How Might We help Consumers, fish sellers, and small-scale fishers to provide real-time alerts on fish breeding seasons and sustainable buying times from high consumption of egg-bearing fish and low awareness of marine life cycles to a 40% reduction in non-seasonal fish sales and wide use of a breeding calendar so as to help fish populations recover due to climate change and old eating habits.

SOLUTION

The proposed mobile application provides real-time alerts on fish breeding seasons and sustainable buying periods through notifications and an interactive breeding calendar. The app also offers educational content to help consumers, fish sellers, and fishers make environmentally responsible decisions. By promoting awareness and sustainable fish consumption practices, the solution helps protect fish populations, reduce non-seasonal fish sales, and support the long-term sustainability of fishing communities. The app also provides timely reminders to encourage responsible purchasing behavior. Additionally, it helps conserve aquatic biodiversity by promoting adherence to sustainable fishing practices.





SCAN ME

Technology stacks:

- Google AI Studio
- Python Programming
- Mobile Application Development
- Real-Time Notification System
- Fish Breeding Calendar
- Sustainable Fisheries Awareness Platform