

F.I.S.H. - Fish Identification Search History

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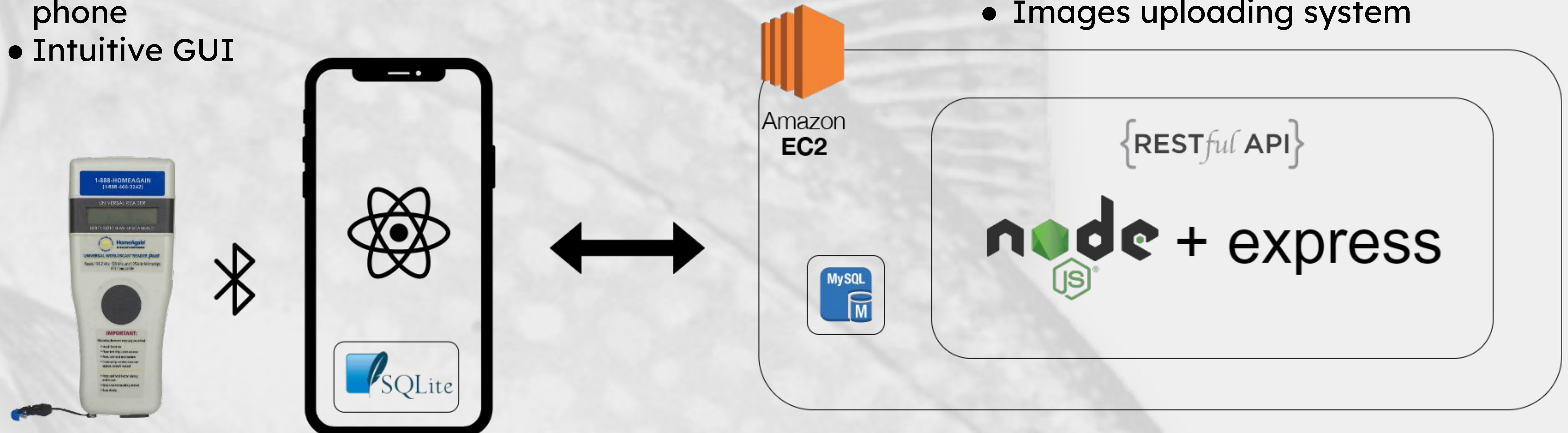
Motivation



- AZGFD are challenged with collecting a high volume of data from fisheries
- Currently, scientists have to go out 3-4 times a year to collect data with specialized tools
- Current data collection method is inefficient
- Data is crucial to monitoring fish populations in Lees Ferry Fishery

Key Features and Architecture

- Cross-platform mobile application
- Locally cached database that is accessible offline
- Sync capabilities to keep global database updated
- Bluetooth feature to transfer ID from PIT scanner to phone
- Intuitive GUI



Future Work

- Implement a Gamification system for catches
- Include more fisheries
- Compatibility with more scanners
- Images uploading system

Solution Overview

