

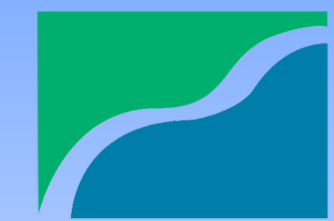
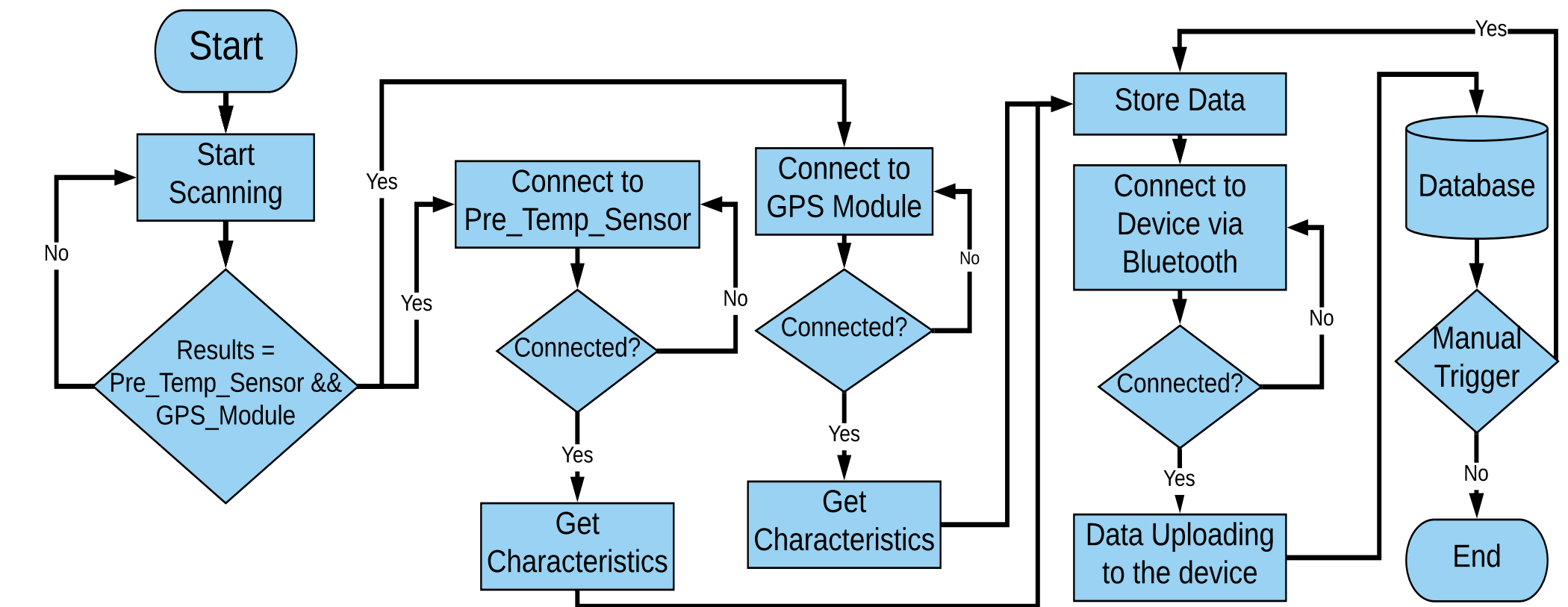
INTRODUCTION

- Sometimes it is necessary to monitor environmental conditions in closed systems.
- The project constructs a system which will help to monitor the closed system and the hardware device can be controlled via a mobile application.
- Through the use of an ESP32, it is possible to use Bluetooth to connect to the mobile application.

PROBLEM STATEMENT

- ESP 32 is connected with pressure and temperature sensor
- BME 280 and Ublox Module
- Application of the System:
 - Monitoring weather at places like volcano, rain forests and etc.
 - To monitor the baby's movement.

FLOWCHART



University
of Houston
Clear Lake

Offline Monitoring System -An IoT Application



Team Mavericks

Hajera Nasreen Vidhi Sharma

Divya Kamboj Priyankaa Rajendran

Instructor: Dr. Pradeep Buddharaju

Mentors: Thor Arne Lovland, COO

Channa Weeratunge, Senior Software Engineer

ESP 32 CONNECTIONS

