The project is intended to address the problems PITAHC has encountered in performing their mandate and functions. These functions are associated with ensuring accessibility, encouraging research and information sharing, promotion of use of traditional and contemporary medicinal plant. It has been difficult for PITAHC to achieve their mission because of problems on the department’s implementation, such as manual gathering of researches and location surveys, information dissemination and plant identification on the user’s end.

General Objectives

* Create a system that will allow identification, information exchange, and location sharing of traditional and contemporary medicinal plant and generate reports for the use of PITAHC.

Specific Objectives

* Create an Android application that will allow users to
  + Register and Login
  + Identify plants through Image Recognition
  + Share the location of identified plants
  + View all plant locations
  + Report plant mislocations or incorrect location.
  + Access, add and edit information and researches on traditional and contemporary medicinal plants
* Create a web-based system that will allow admin to
* Login
* Respond to plant mislocations
* Respond to user requests to add and edit information
* Access, add and edit information and researches on traditional and contemporary medicinal plants
* Access all result of plant identification through image recognition – including not found results.
* Generate reports such as reports on plants species identified over period of time, and/or confined in specific area, and plants not identified by the system.