Trinidad and Tobago MET Office Projects

1st GIS Application

- Preferred Python. Capture information from various sites, processes the data, and then uploads the data to the cloud
- A web front-end
- Review
- Sending the file to the GIS cloud

2nd Climate Report Management

- Prefer NodeJS with a MySQL database. MEAN stack is an option. Import from excel and store in a database
- If the excel document can be on the desktop and inserted into the database
- Search the database, generate queries and create reports back in Excel
- Typical user management options for users
- Require statistical data like sign-up, based on the usage, count visitation,
- Registered user must be grouped by data use
- Can only download content if
- Usage statistics should be able to generate reports (pdf)

3rd Inventory management

- PHP laravel, MySQL, Linux (CentOS 6.9)
- Allow for recording of computer equipment
- Multiple IT person
- Management user-based control for report
- Where it is allocated in MET, current location, person assigned,
- Generate bar codes, to record items, and scan items in and out of the application
- Reports can be downloaded
- API for internal data (for service for parent ministry)

4th IT and Tech Reporting Solution

- Status of daily working activities
- Entries must be able to attach a file for each record
- For both
- Registration (User Management)
- Headings of every report can go as a report to management
- Tag to help with reporting
- The title should be interpreted as summary
- Not python (NodeJS, PHP)
- Staff should not be to edit submitted reports, however it can be committed upon
- Keep as draft until submitted ***