Project TARA for Goa Govt.

Newyug Technologies

# Concept

* All apps for travel planning require the static data in **GTFS** format.
* The TARA system helps in generating the **static data** necessary to be uploaded to any online or app-based travel planning system.
* The TARA project has already captured the geo-locations of almost **all bus stops** in Goa in the TARA application.
* Kadamba Transport Corporation is **actively using** the TARA system for publishing static bus routes and timetables for public use.
* All stop and route data for **Kadamba Transport Corporation** has been captured in TARA.
* The static data for all privately owned public transport buses can be captured in TARA in about **one month**.
* 30% of data from Kadamba that was captured using TARA is being currently used by Google and published on Google Maps. You may access it at <http://bit.do/mygoa> .

# Services offered

## Deployment

The vendor will deploy the application on a Linux server.

## Training

The vendor will provide training to the data entry operators and other staff concerned with the project.

## Support

The vendor will resolve issues if any during the operation.

## Data entry – Addon

The vendor will deploy own personnel to perform the data entry at an additional cost.

# Pricing

## Effort-based pricing

* TARA offers a flexible pricing model that is based on the effort needed for data entry
* Manual data entry may be eliminated if data is present in an electronic form such as text files or Excel.
* Data entry may be undertaken by the client or by the vendor at an additional cost

# Hosting

* The TARA application is presently hosted on cloud.
* The application can be deployed on the State Data Center if needed.

# Extensions

## Real-time tracking

* The TARA project can be extended to capture real-time location of buses and shown on Google Maps.

# Benefits

* Due to the availability of stop locations in the TARA application from the Kadamba engagement, the **data entry effort will be minimized**.
* The project generates the **GTFS** file containing the static data which is acceptable to every trip planning app.
* **No new app** needs to be developed to provide data to citizens. Google Maps app and website are universally accessible.
* The software development team is **based in Goa** and can provide immediate assistance.