

# LIGHTACTIVITY MONITORING

PROGRAM

The Light Activity Monitoring Platform (LAMP) is a mobile application, available on the Google Play Store, created to allow users to record the light state of traffic lights (i.e green, yellow, red) at an intersection and accurately record those states, the signal group of each light, and the time of the light detection.



Username	
Password	
Password	



## **\$120,00 grant/internship** Partners - USDOT - LEIDOS - Neaera Consulting

## Project

Develop a machine learning mobile application to capture the state of a traffic light in specificlly define intersections and calculate the time it takes between the different light states.

#### Requirements

Using a smart phone and camera, record the light and log the time it takes to switch from Red to yellow and yellow to red. Track and save this information for further projects that Basic Safety Messages that are sent by connect vehicles are able to use for timing.

### Skills/Industries

Machine learning Flutter/Phyton code languages App development Business environment Following management software (DevOps) Followed SCRUM business strategy

Welcome to LAMPI fo get started, please enter the necessary company profile by scanning the QR Code	QR Code Scanner	QR Code Scanner	Welcome to LAMPI To get started, please enter the necessary company profile by scanning the QR code	Add Profile Profile Name Keycloak Endpoint Cimms Broker Realm	Select an Intersection
Information QR Code Scanner Add Profile Manually	Enter Manually Scanning	Enter Manually Add Profile	information Current Profile: Test_Env Rescan Profile Edit Profile	Client Secret Save and Close	Continue
			Next		