**L.O.S.T. Repository**

**What is LOST?**

LOST is an inventory management web application developed as a final project for CIS 322 at the University of Oregon.

Disclaimer: This program is intended for academic purposes and not intended for deployment.

**Installation**

LOST requires an Archlinux virtual box with Postgres and Apache installed

**Running the Application**

A database cluster must be set up using the following commands:

$ initdb -D $1  
$ pg\_ctl -D $1 -l logfile start

where $1 is the specified directory on your system to store the database.

Next, create the database by running:

$ createdb -p $1 $2

where $1 is the port number and $2 is the name of the database.

Finally, change into the OSNAP directory and run the preflight script by running:

$ ./preflight.sh $1

where $1 is the name of the database you created.

Open a web browser and go to [http://127.0.0.1:8080](http://127.0.0.1:8080/) to use access LOST.

**Repository Directories**

Preflight: Creates database tables and moves files to WSGI

/clients: contains web service python files

/SQl: contains script to create tables

/src: contains files to create web service

/testdoc: contains testing procedure for web app