**IMS**

IMS is an Inventory Management Tool which keeps track of all the present inventory and request can also be made for the inventories. IMS backend is written in python using Django framework and database part is in SQLite which is the default database for python. For front end CSS and HTML has been used.

**Installation**

Download the IMS project.

Run the command on power shell:

$pip install -r requirements.txt

$python manage.py migrate

$python manage.py runserver

**Dependencies**

IMS requires:

* Django (version = 2.2.2)

**Development**

New contributors of all level are welcomed. The goals of this tool are to be helpful, welcoming and effective. We have included some basic information in this README.

**Documentation:**

* Documentation: N/A

**Source Code:**

You can check the latest sources using the link:

**Contributing:**

Push your changes to the project to the above specified url .

**Future Work:**

* Scanning directly through Barcode Scanner
* Mass upload using the ID, where the rest of the rows are free
* Auto-fill the data
* LRMS- JIRA API for Query (Integrated)
* Data back up (can use this link for reference <https://stackoverflow.com/questions/25675314/how-to-backup-sqlite-database/25684912#25684912>

**Bugs:**

* No logout option.
* No approval for a user who is signing up.
* New Request with zero quantity are also acceptable.
* In new request approval part if you put the id which is not in the database then the software crashes.
* Available quantity feature is not working properly as the string matching is incorrect there.