

---

# Inventory Management

## OVERVIEW

Inventory Management will help to keep records of all the assets assigned to employees.

## FUNCTIONAL REQUIREMENTS

- There will be two types of users: Admin and Employee.
- Admin and Employees should be added to the system through the registration flow and should log in to the system before performing any other operations.
- Company email should only be a valid email for registering in the system.
- Admin should be able to add/delete employees.
- Admin should be able to add/update/delete items in the inventory.
- Admin should be able to assign/unassign items from the inventory to the employee.
- Admin should be able to see details of all the employees and items.
- Admin should be able to see the unassigned/ assigned item list.
- Items should have a unique Serial Number, Bill Number, Date of Purchase, Warranty etc.
- One unique item should be assigned to one employee only.
- Employees can see the details of items assigned to him/her.

## SPECIFICATIONS

- A UI to be developed using HTML CSS JS.
- REST API to be developed in Python.
- Any open-source database can be used. Preferably PostgreSQL or MySQL.
- Target of minimum 85% code coverage through unit test.
- Application logs must be generated.