
CAT THINGS

Database Requirements

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Overview

This document will describe the requirements of the database that will be built to support the CAT THINGS inventory management system.

Requirements

This section will give a broad description of the main three types of data the database will contain.

1. The current inventory of all tracked items. Info for each item will include:
 - a. Item ID
 - b. Item name
 - c. Description
 - d. Price when last purchased (*See “check In Inventory” use case in Frontend Requirements doc for details*)
 - e. Quantity currently in stock
 - f. Tag (list of keywords)
 - g. Threshold
 - h. IsHidden (marks if item should be displayed)
2. A history of all transactions made to the inventory. Each transaction will contain a record with the following information:
 - a. Individules name (customer name or admin name)
 - b. Item ID
 - c. Item name
 - d. Quantity checked in or out (+ or -)
 - e. Quantity after transaction
 - f. Date and time of transaction
3. A history of all modifications made to the list of currently tracked items. This includes:
 - a. Additions of new items to the list of tracked items
 - b. Removal of existing items from the list of tracked items
 - c. Modifications to existing items in the list of tracked items