

# Warehouse 2: Final Product

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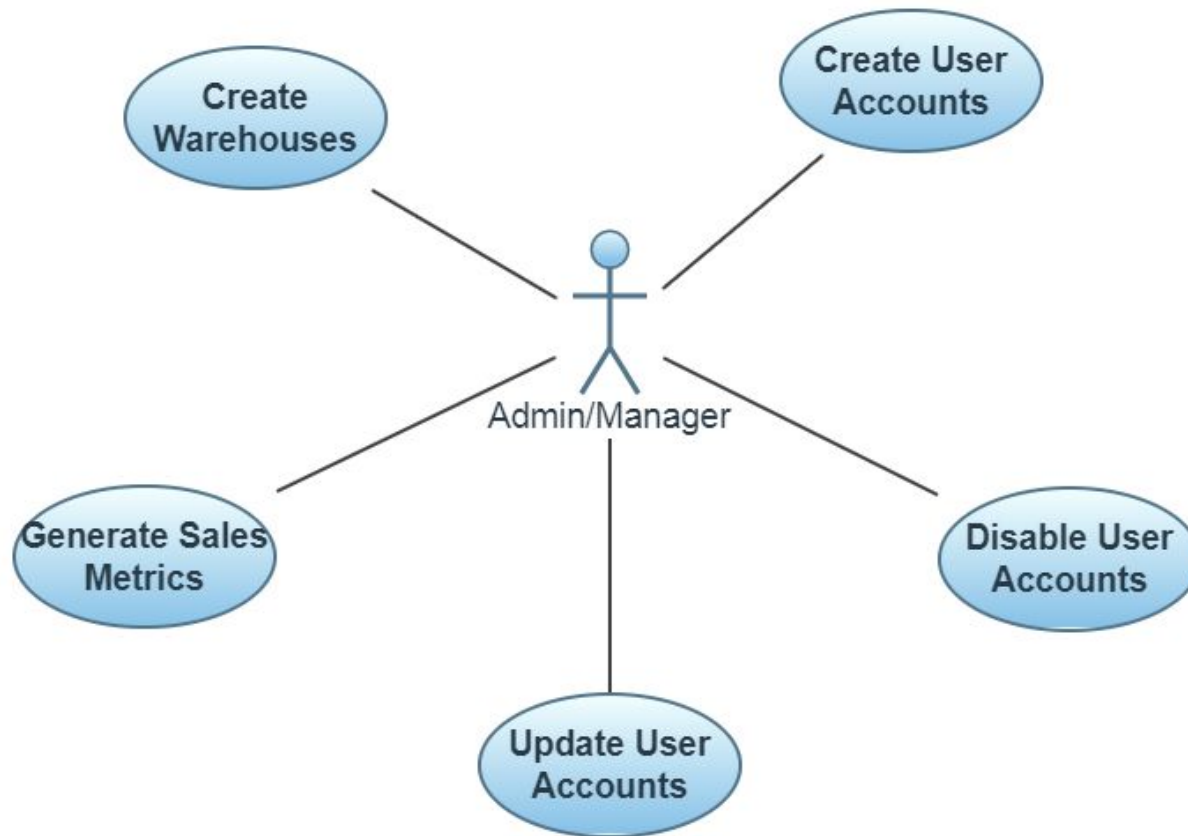
# Client & Product



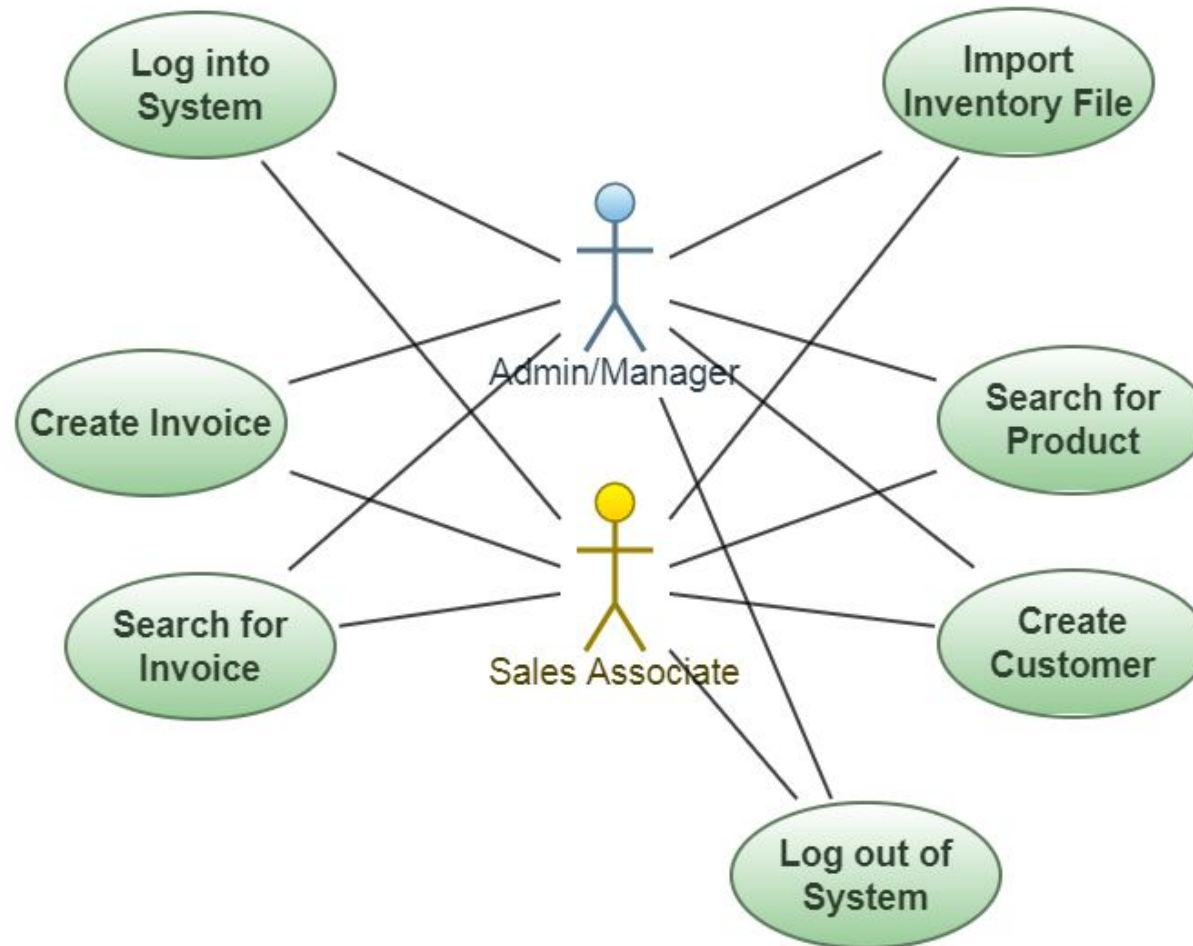
- Client: Gusty Cooper for BGCVA
- Product:
  - Internal Web Application
  - Inventory Imports
  - Inventory Reports
  - Invoice Generation
  - Account and Warehouse Support



# Requirements: Admin/Manager



# Requirements: All Users



# Requirements: Non-Functional

- Cloud Storage
- Simple Interface
- Reliable
- On-site and Off-site Laptop Accessible
- Security is Low-Priority



# Design

- We chose our stack based on mutual familiarity. Every person in the group had some exposure to most of these tools from previous classes and projects.

- **Tech Stack:**

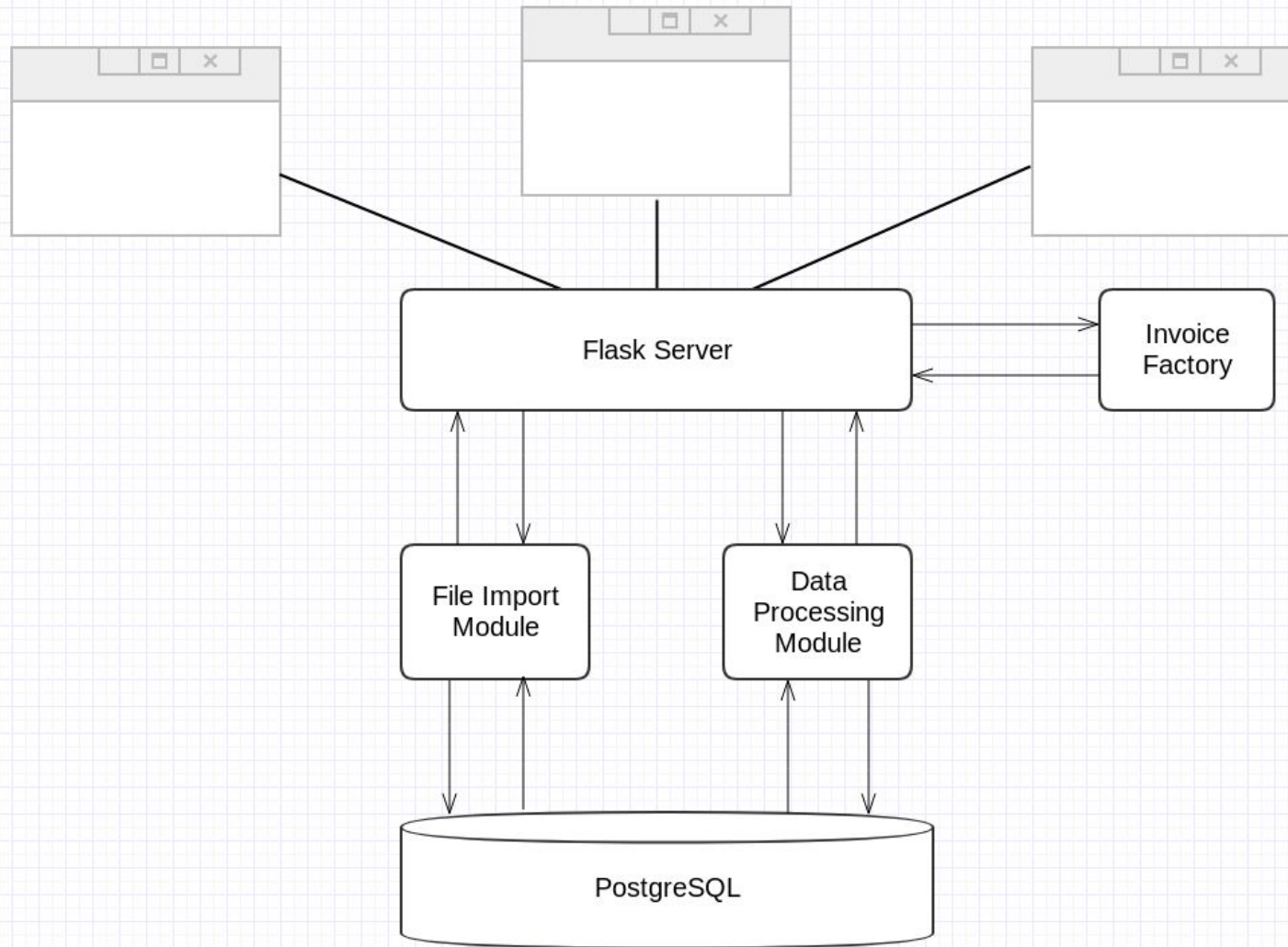
- HTML/CSS - client interface
- Python - backend server
- PostgreSQL - database engine

- **Libraries:**

- Bootstrap Datepicker - client date input
- Flask - web server
- Psycopg2 - database interface
- Tabulate - file formatting



# More Design



# Testing



- **Unit Testing**

- Each developer was responsible for testing the functions and subsystems that they implemented.

- **Integration Testing**

- Validated that all modules and subsystems of the application worked together.

- **Usability Testing**

- Focused on user interface quality and ease of use characteristics.



# Demo Time!!!

<http://35.196.32.46>

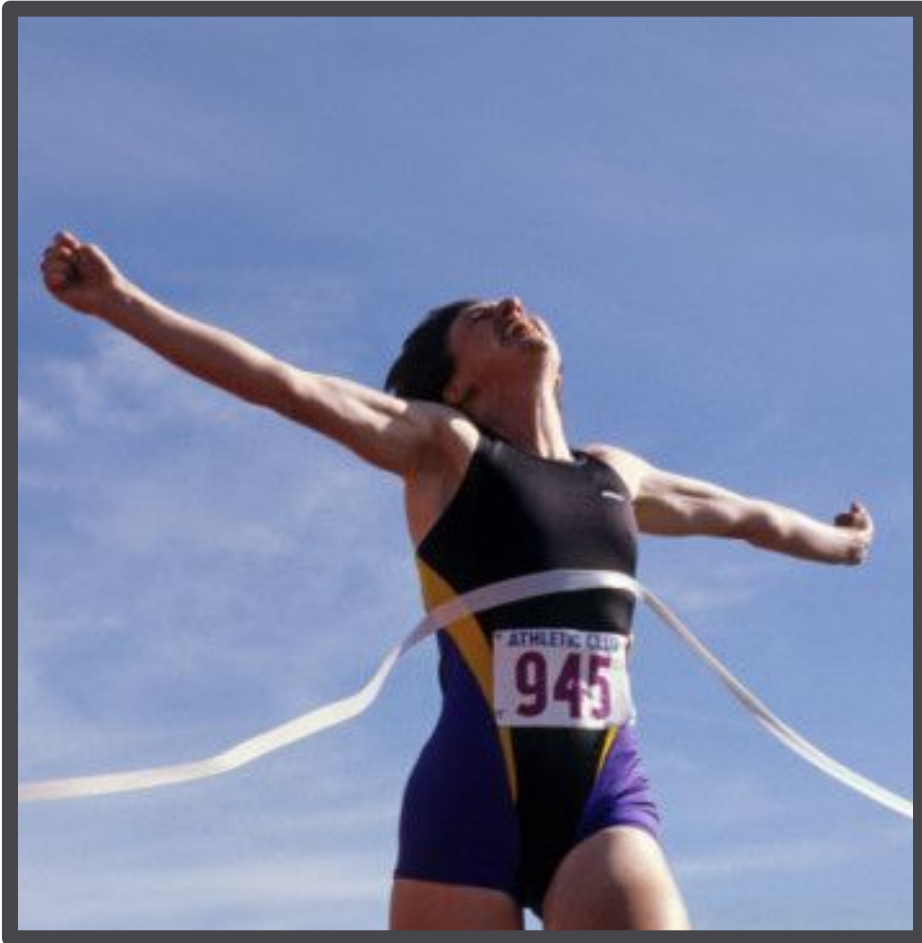


# Maintenance & Additional Features

- ❑ Add support for additional file types for import feature.
- ❑ Need for support person for updating warehouses.
- ❑ Expand application to produce more in-depth and powerful reports.
- ❑ Mobile device optimisation.
- ❑ Smarter search / Typeahead.js
- ❑ Data backup/purging functions.



# Conclusion



- ❑ The project
- ❑ The details
- ❑ The pieces
- ❑ The crucible
- ❑ The delivery

Agile Developement