Wintaye Gebru – Booksmart Project Overview

**Overview**:

Booksmart is an inventory management system which aims to make life easier for smaller, independent booksellers. Within Booksmart, users can create new invoices and track each invoice’s progress (created, submitted, received). Users can also add new titles, auto-populating the most complete and accurate title information available, cutting down on possible errors. Users will also be able to tag titles based on ordering or merchandising preferences such as seasonal (graduation, holiday, back to school, etc) restock, hot titles, events, and book clubs. Each title can have multiple tags making it clear which books to order or display together. The app will allow an administrator to create separate user profiles with varying permission levels, ensuring only designated booksellers will be ordering, receiving, or purging books from inventory. Booksmart is the direct result of my experience managing a small, independent bookstore for several years and my frustration with the limitations of the inventory management system options available. These options are often unwieldy, outdated, and are not attuned to the specific needs of booksellers, lacking clever, critical, and time-saving ordering and organizational features.

**Features**:

**User login**: Administrators will be able to create accounts with varying permissions levels. Each user will have login credentials.

**API**: Use an industry API to populate complete, accurate new title details

**Search**: Users will be able to conduct searches by ISBN, title, author, keyword, publication date and more

**Ordering**: Users will be able to create invoices, mark them as received

**Tagging/Grouping**: Users can add tags to individual titles and will be able to search by tag.

**Technologies**:

C#

MySQL

Google Books API

ASP.NET Razor

**To Learn**:

I will have to learn how to use and integrate data from a public API (Google Books) to make populating all necessary title information possible.

**Project Tracker**:

Pivotal Tracker <https://www.pivotaltracker.com/projects/2238446>