

1. Problem Statement

Keeping track of all your packages can be a hassle – one seller sends it by FedEx, others send them with UPS or USPS: currently, tracking packages requires several steps and several websites. As ecommerce is becoming increasingly popular, consumers need an easy, automatic, and centralized way to track packages from all e-retailers. Current systems require manual population of packages ordered, and minimal configuration in terms of notifications. Consumers need a system that automatically adds orders and has custom notifications.

2. Project Objectives

- a. Ease the process of tracking multiple packages: from just a few, to dozens
- b. Users will just need to open our app without having to open multiple tabs of shipping companies websites
- c. Our service automatically populates packages from the confirmation emails users receive
- d. Users can customize the volume and frequency of notifications they receive about their packages
- e. Users can visualize the route of their packages on a map
- f. Users can view an overview of each package at the same time to get a broad view of all packages

3. Stakeholders

- a. Users : Online shoppers and/or small time e-retailers (ebay sellers)
- b. Customers : E-Commerce Consumers / Small time E-Commerce Retailers
- c. Software Dev. : Jason Chen, Kameron Lutes, Matthew Ashbeck, Wilson Husin
- d. Dev. Manager : Mason Herhusky

4. Deliverables

- a. An email plugin (for several of the most popular services) that scans and populates the shipping tracker from confirmation emails
- b. A web client that displays the relevant shipping information to the user by interfacing with the UPS, FedEx, and USPS APIs.
- c. If time permits, an Android and iOS app for more convenient access to the service