Pesty: Scope Statement

Version 1.0; Created 03/15/2015

Team Red Fox

MIS 4596-001, Spring 2015

Temple University, fox School of Business

# OVERVIEW

This document defines the scope of “Pesty”. Pesty is a collaborative project which Team Red Fox (henceforth, “the Team”) will complete as a requirement of Temple’s MIS capstone course (MIS 4596: Information Systems Integration). The Team will progressively elaborate upon this document as the project scope evolves.

# DELIVERABLES

This section describes the major deliverables of the project, as follows:

##### Prototype Mobile Application

The Team will develop a prototype of a hybrid-web mobile application, called “Pesty”. Pesty is an app designed to run on Android, iOs, and Windows 8.1 and later devices. Pesty targets two groups of paying customers:

* Owners and renters of real estate who are seeking solutions to deal with pest infestations, and
* Professional exterminators seeking to connect with customers and expand their business.

The prototype will demonstrate the design and functionality of the mobile app in detail. The level of detail demonstrated by the prototype will be appropriate for evaluation by corporate boards of directors, or potential investors.

##### Project Deck

The Team will assemble a slide presentation (the “deck”) of no more than 12 slides, using Microsoft PowerPoint or a similar software program. The deck will explain important business and technical aspects of the prototype application. The Team will present the following topics in the deck:

* Explanation of the Business Problem
* Description of the Application
* Competitive Environment and Market Analysis
* Overview of Application’s Data Model
* Overview of Application’s Systems Architecture
* Basic Financials for Years 1—3
* Implementation Plan

##### Project Website

The Team will create a Project Website as the final major deliverable. They will post the website on the Temple MIS Community platform for public viewing. The site will contain a high-level description of the project, selected project documents, selected screen shots of the prototype, a downloadable version of the project deck, and links to the Temple MIS e-portfolios of all Team members.

# PRODUCT SCOPE

##### Planned Functionality

Pesty will provide the following functionality to its property customers:

* Pest Library: The Pest Library targets property owners and renters. It includes a photo gallery with which customers can compare the pests they discover in their property, for the purposes of identifying the pest. Photos in the Library also link to archived information about the pest’s eating and nesting habits, aggressiveness, poisons and venoms, etc. The Pest Library will also provide information on effective home remedies for the particular pests, where such methods exist.
* Ask a Pro: Property owners and renters who wish to eradicate the pests themselves, but need advice or have questions, can ask local exterminators registered with the service. Exterminators may use this feature to cultivate relationships with potential customers, and generate leads.
* Find a Pro: Property owners and renters who prefer to hire a professional exterminator can find local, reputable exterminators (as determined by the Pesty User Community) to eradicate the pests from their property.
* eCommerce Connections: Pesty will provide links to the eCommerce platform, Amazon.com. Property customers who wish to eradicate pests from their properties themselves may purchase the pesticides, equipment, and other pest-eradication supplies they need.
* Customer Reviews: Property customers can review and rank exterminators whom they hire through the service. Pesty will make these reviews and rankings available to the User Community as a means of helping other users select competent, reputable exterminators.

Pesty will provide the following benefits to its extermination professional customers:

* Customer Relationship-Building Opportunities: Extermination professionals can use Pesty as a platform to establish relationships with potential customers.
* Revenue-generating Opportunities: Extermination professionals can turn leads they develop via Pesty into extermination contracts, generating more revenue for their firms.

##### Out of Scope

The following are beyond the scope of the project:

* 1. eCommerce Platform: Pesty will not include a native eCommerce platform.
  2. Functional Mobile App: A working mobile app falls outside Pesty’s project scope.

# ACCEPTANCE CRITERIA

The Project Sponsor will evaluate the project deliverables and assign an overall project grade. The Sponsor assesses the project grade in the following way:

* 50%: Meeting project deadlines, and quality of submissions at the deadline date.
* 50%: Overall quality of the prototype and project deck at the project conclusion.

# ASSUMPTIONS AND CONSTRAINTS

The Team will assume the following conditions to be true for the duration of the project:

* The Project Sponsor will require the Team to adhere to all materials submission deadlines defined in the syllabus.
* The Project Sponsor will communicate any changes to the syllabus that affect the project reasonably far enough in advance for the Team to make necessary adjustments, and complete the project successfully.
* Team members will make every effort to fulfill their responsibilities to the Team and the project, or give just cause if the event they are unable to do so.
* The Project Sponsor will make available to the Team all tools required to complete the project (in the event that the Team does not already possess them).
* The Team will be responsible for scheduling and completing its own work tasks, subject to the deadlines established by the Sponsor.
* The Project Mentor will serve as an advisor to the Team. The Mentor is an experienced IT professional.
* The Team will make use of a variety of virtual collaboration tools, when in-person meetings are not feasible.

The following constraints exist for this project:

* Team member schedules permit only Wednesday meetings, with some occasional weekend meetings as possible.
* Team members responsible for the prototype design phase have not used prototyping software for some time. The Team may need to allot time for skill refreshing in the project schedule.