

IS446 – Systems Analysis and Design

Agile Planning Documents Practice Assignment

Instructions

Overview

The Layton, Ostermiller & George book identifies three documents in Chapter 9 that can be used as agile planning documents:

- Product Vision Statement
- Product Roadmap
- Product Backlog

In this assignment, all students will produce the following documents as part of Exercise 1 (a Regular Exercise):

- Product Vision Statement
- Product Backlog

Optionally, students may choose to submit the following document as part of Exercise 2 (the Challenge Exercise):

- Product Roadmap

Scope

The requirements to be considered for this assignment are documented in the iSchool Webstore case description. For the purposes of this assignment, you should limit the scope of the project to include only the following requirements:

- Setup a customer
- Setup a product item for sale
- Take an order
- Accept payment for an order
- Track *picking* of the order
- Track shipping of the order
- Report sales

There are other requirements that are discussed in the case description that should NOT be included in the scope of this project. These include:

- Messaging between customer and Webstore staff
- In-person order pickup (not to be confused with *order picking*)
- Automated interface to shippers' systems (like USPS)
- Automated interface to vendor's systems (like suppliers of T-Shirts, Mugs, etc.)
- Tracking of which Webstore employees performed which actions (like picking, shipping, etc.)

Exercise 1 (Regular)

Create a Product Vision Statement and a Product Backlog for the *iSchool Webstore* system. Samples of a Product Vision Statement and a Product Backlog are shown in Chapter 9 of the Layton, Ostermiller & George book. You should model your documents after these examples and the examples shown in the tutorial video for this assignment.

Exercise 2 (Challenge)

Create a Product Roadmap document for the *iSchool Webstore* system. Samples of a Product Roadmap are shown in Chapter 9 of the Layton, Ostermiller & George book. You should model your documents after these examples.

Note that there I have not provided a template or tutorial video for this exercise. So, you will need to adapt the examples from the book to the case at hand.

Format

Create just 1 typewritten document. Start each exercise on a new page. Convert your document to PDF. Please submit 1 file in PDF format.

File and Directory Naming

Please use the following naming scheme for your assignment submission:

surname_givenname_agile_planning_documents_practice.pdf

If this were my own project, I would name my PyCharm project as follows:

trainor_kevin_agile_planning_documents_practice.pdf

PLEASE NOTE: All file names must be in lower case. Deductions will be made for submissions that do not conform to this standard.

Due Date

Please see the Weekly Schedule for the date and time when this assignment is due.

Last Revised
2022-09-26