

💡 This work has already been evaluated and released to the author. Use the tabs to the top right to view the evaluation report and work.

Evaluation Report

Evaluation Results

 [Print](#)

Requirement : Software I - Object Oriented Applic: GYP Task 1

<p>AUTHOR: Mitchell Bryant</p> <p>DATE EVALUATED: 09/01/2017 11:37:07 AM (MDT)</p> <p>DRF TEMPLATE: Software I - Object Oriented Application Development (UG, C482, GYP1-0217)</p> <p>PROGRAM: Software I - Object Oriented Application Development (UG, C482, GYP1-0217)</p> <p>EVALUATION METHOD : Using Rubric</p>	<p>FINAL SCORE</p> <p>Meets</p> <p>Requirement</p>
--	---

General comments:

9/1/2017 - Substantial Java skill is shown in the inventory application with proper class structure and inheritance. The MitchellBryant class launches the app successfully. The buttons effectively invoke the methods for control of the Part and Products. The JavaFX interface is user-friendly and the exception handling is effective. Part dependency and price relationships are enforced well. Additional feedback is provided within the rubric. Well done on the GUI and Java skills for the assessment.

Detailed Results

(Rubric used : GYP Task 1 (0217))

Display

☒ All Comments ☒ Criteria Description

A. MAIN SCREEN		
NOT EVIDENT	APPROACHING COMPETENCE	COMPETENT

No code is provided for a main screen.

The main screen does not include *all* required controls or present a professional appearance. The code contains errors or is incomplete.

The main screen includes *all* required controls and presents a professional appearance. The code is complete and functions properly.

CRITERION SCORE :

Competent

COMMENTS ON THIS CRITERION:

9/1/2017 - The main screen includes the required buttons, with labels, and user-friendly layout for the App. Buttons successfully invoke their methods.

B. "ADD PART" SCREEN

NOT EVIDENT

No code is provided.

**APPROACHING
COMPETENCE**

The "Add Part" screen does not include *all* required controls or present a professional appearance. The code contains errors or is incomplete.

COMPETENT

The "Add Part" screen includes *all* required controls and presents a professional appearance. The code is complete and functions properly.

CRITERION SCORE :

Competent

C. "MODIFY PART" SCREEN

NOT EVIDENT

No code is provided.

**APPROACHING
COMPETENCE**

The "Modify Part" screen does not include *all* required controls or present a professional appearance. The

COMPETENT

The "Modify Part" screen includes *all* required controls, and presents a professional appearance. The code is

code contains errors or is incomplete.

complete and functions properly.

CRITERION SCORE :

Competent

COMMENTS ON THIS CRITERION:

9/1/2017 - The interface has the controls to accept the changes. The revised data is accepted by the method and displayed using the Table in the interface.

D. "ADD PRODUCT" SCREEN

NOT EVIDENT

No code is provided.

**APPROACHING
COMPETENCE**

The "Add Product" screen does not include *all* required controls or present a professional appearance. The code contains errors or is incomplete.

COMPETENT

The "Add Product" screen includes *all* required controls and presents a professional appearance. The code is complete and functions properly.

CRITERION SCORE :

Competent

E. "MODIFY PRODUCT" SCREEN

NOT EVIDENT

No code is provided.

**APPROACHING
COMPETENCE**

The "Modify Product" screen does not include *all* required controls or present a professional appearance. The code contains errors or is incomplete.

COMPETENT

The "Modify Product" screen includes *all* required controls and presents a professional appearance. The code is complete and functions properly.

CRITERION SCORE :**Competent****F. CLASS STRUCTURE****NOT EVIDENT**

No code is provided.

**APPROACHING
COMPETENCE**

The application does not include *all* required classes or includes incorrectly associated instance variables. The variables are accessible and modifiable outside getter and setter methods. The code is incomplete or does not function properly.

COMPETENT

The application includes *all* required classes and correctly associated instance variables. The variables are only accessible through getter methods and are only modifiable through setter methods. The code is complete and functions properly.

CRITERION SCORE :**Competent****COMMENTS ON THIS CRITERION:**

9/1/2017 - The required Product and Inventory classes are present. The InHousePart and OutsourcedPart subclasses use the Part superclass.

G. MAIN SCREEN FUNCTIONS**NOT EVIDENT**

No code is provided.

**APPROACHING
COMPETENCE**

The main screen does not include *all* required functionalities or does not reflect the methods in the attached class diagram. The code contains errors or is incomplete.

COMPETENT

The main screen includes *all* required functionalities and reflects the methods in the attached class diagram. The code is complete and functions properly.

CRITERION SCORE :**Competent****COMMENTS ON THIS CRITERION:**

9/1/2017 - Testing from the main screen achieves successful data entry, modification, deletion, and search.

H1. "ADD PART" SCREEN FUNCTIONS**NOT EVIDENT**

No code is provided.

**APPROACHING
COMPETENCE**

The "Add Part" screen does not include *all* required functionalities or does not reflect the methods in the attached class diagram. The code contains errors or is incomplete.

COMPETENT

The "Add Part" screen includes *all* required functionalities and reflects the methods in the attached class diagram. The code is complete and functions properly.

CRITERION SCORE :**Competent****H2. "MODIFY PART" SCREEN FUNCTIONS****NOT EVIDENT**

No code is provided.

**APPROACHING
COMPETENCE**

The "Modify Part" screen does not include *all* required functionalities or does not reflect the methods in the attached class diagram. The code contains errors or is incomplete.

COMPETENT

The "Modify Part" screen includes *all* required functionalities and reflects the methods in the attached class diagram. The code is complete and functions properly.

CRITERION SCORE :

Competent**I1. "ADD PRODUCT" SCREEN FUNCTIONS****NOT EVIDENT**

No code is provided.

**APPROACHING
COMPETENCE**

The "Add Product" screen does not include *all* required functionalities or does not reflect the methods in the attached class diagram. The code contains errors or is incomplete.

COMPETENT

The "Add Product" screen includes *all* required functionalities and reflects the methods in the attached class diagram. The code is complete and functions properly.

CRITERION SCORE :

Competent

COMMENTS ON THIS CRITERION:

9/1/2017 - Interface objects are provided for successful entry of ID, name, inventory level, min, max, and price.

I2. "MODIFY PRODUCT" SCREEN FUNCTIONS**NOT EVIDENT**

No code is provided.

**APPROACHING
COMPETENCE**

The "Modify Product" screen does not include *all* required functionalities or does not reflect the methods in the attached class diagram. The code contains errors or is incomplete.

COMPETENT

The "Modify Product" screen includes *all* required functionalities and reflects the methods in the attached class diagram. The code is complete and functions properly.

CRITERION SCORE :

Competent

J1. EXCEPTION CONTROLS: SET 1**NOT EVIDENT**

No code is provided.

**APPROACHING
COMPETENCE**

The application does not include *all* required exception controls in set 1, or the language used in the custom error messages is not appropriate or distracts from the application. The code contains errors or is incomplete.

COMPETENT

The application includes *all* required exception controls in set 1 and uses appropriate language in the custom error messages. The code is complete and functions properly.

CRITERION SCORE :

Competent

COMMENTS ON THIS CRITERION:

9/1/2017 - Exception handling is present, clear, and effective for keeping the inventory level within the minimum and maximum values. The part dependency for a product is enforced well.

J2. EXCEPTION CONTROLS: SET 2**NOT EVIDENT**

No code is provided.

**APPROACHING
COMPETENCE**

The application does not include *all* required exception controls in set 2, or the language used in the custom error messages is not appropriate or distracts from the application. The code contains errors or is incomplete.

COMPETENT

The application includes *all* required exception controls in set 2 and uses appropriate language in the custom error messages. The code is complete and functions properly.

CRITERION SCORE :

Competent

COMMENTS ON THIS CRITERION:

9/1/2017 - Attempts to cancel or delete successfully trigger the confirmation prompts. The subordinate pricing of parts to products is addressed.

PROFESSIONAL COMMUNICATION**NOT EVIDENT**

Content is unstructured, is disjointed, or contains pervasive errors in mechanics, usage, or grammar. Vocabulary or tone is unprofessional or distracts from the topic.

**APPROACHING
COMPETENCE**

Content is poorly organized, is difficult to follow, or contains errors in mechanics, usage, or grammar that cause confusion. Terminology is misused or ineffective.

COMPETENT

Content reflects attention to detail, is organized, and focuses on the main ideas as prescribed in the task or chosen by the candidate. Terminology is pertinent, is used correctly, and effectively conveys the intended meaning. Mechanics, usage, and grammar promote accurate interpretation and understanding.

CRITERION SCORE :

Competent