

GYP1 – GYP1 TASK 1: OBJECT-ORIENTED APPLICATION DEVELOPMENT

SOFTWARE I - OBJECT ORIENTED APPLICATION DEVELOPMENT – C482
PRFA – GYP1

[TASK OVERVIEW](#)[SUBMISSIONS](#)[EVALUATION REPORT](#)

EVALUATION REPORT – ATTEMPT 1 – PASSED

Overall Evaluator Comments

EVALUATOR COMMENTS

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

A. MAIN SCREEN

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

EVALUATOR COMMENTS: ATTEMPT 1

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

Competent The “Add Part” screen includes all required controls and presents a professional appearance. The code is complete and functions properly.

There are no comments for this aspect.

C. “MODIFY PART” SCREEN

Competent The “Modify Part” screen includes all required controls, and presents a professional appearance. The code is complete and functions properly.

EVALUATOR COMMENTS: ATTEMPT 1

All necessary controls are present and the interface populates with the existing data for changes.

D. “ADD PRODUCT” SCREEN

Competent The “Add Product” screen includes all required controls and presents a professional appearance. The code is complete and functions properly.

There are no comments for this aspect.

E. “MODIFY PRODUCT” SCREEN

Competent The “Modify Product” screen includes all required controls and presents a professional appearance. The code is complete and functions properly.

There are no comments for this aspect.

F. CLASS STRUCTURE

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.

There are no comments for this aspect.

G. MAIN SCREEN FUNCTIONS

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

EVALUATOR COMMENTS: ATTEMPT 1

Testing from the main screen achieves successful data entry, modification, deletion, and search.

H1. "ADD PART" SCREEN FUNCTIONS

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.

There are no comments for this aspect.

H2. "MODIFY PART" SCREEN FUNCTIONS

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.

There are no comments for this aspect.

I1. "ADD PRODUCT" SCREEN FUNCTIONS

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.

EVALUATOR COMMENTS: ATTEMPT 1

The product data is successfully saved and updated in the Table.

I2. “MODIFY PRODUCT” SCREEN FUNCTIONS

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.

There are no comments for this aspect.

J1. EXCEPTION CONTROLS: SET 1

Competent The application includes *one* required exception control from set 1, and uses appropriate language in the custom error messages. The code is complete and functions properly.

EVALUATOR COMMENTS: ATTEMPT 1

Exception handling is present 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

Competent The application includes one required exception control from set 2, and uses appropriate language in the custom error messages. The code is complete and functions properly.

EVALUATOR COMMENTS: ATTEMPT 1

Attempts to cancel or delete successfully trigger the confirmation prompts. The subordinate part price is handled well in Product entry.

K. PROFESSIONAL COMMUNICATION.

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.

There are no comments for this aspect.