BOP1 — BOP1 TASK 1: C# APPLICATION DEVELOPMENT

SOFTWARE II - ADVANCED C# — C969
PRFA — BOP1

TASK OVERVIEW SUBMISSIONS EVALUATION REPORT

COMPETENCIES

4041.4.1: : Database and File Server Applications
The graduate produces database and file server applications using advanced constructs in a high-level programming language to meet business requirements.

4041.4.2: : Lambda
The graduate incorporates lambda expressions in application development to meet business requirements more efficiently.

4041.4.3: : Collections
The graduate incorporates non-generic collections and generic collections in application development to manipulate data more efficiently.

4041.4.4: : Localization and Globalization
The graduate applies the Multi-Lingual with Localization in application development to support end-users in various geographical regions.

4041.4.5: : Advanced Exception Control
The graduate incorporates advanced exception control mechanisms in application development for improving user experience and application stability.

INTRODUCTION

Throughout your career in software design and development, you will be asked to create applications with various features and criteria based on a variety of business requirements. For this assessment, you will create your own C# application with requirements that mirror those you will encounter in a real-world job assignment.

The skills you will showcase in this assessment are also directly relevant to technical interview questions for future employment. This application should become a portfolio piece for you to show to future employers.

Several attachments and links have been included to help you complete this task. Refer to the "MySQL Virtual Access Instructions" attachment for help accessing the database for your application. Note that this database is for functional purposes only and does not include any pre-existing data. The attached "Database ERD" shows the entity relationship diagram (ERD) for this database, which you can reference as you create your application.

uCertify provides the (mySQL) database you need for this course. **Do not create your own database.**
COS -> Course Materials -> mySQL Database (Lab) -> Create DB
Use the connection string that uCertify provides in order to access the database from your PA code.