Logo

Description automatically generated

**<22/SP-COP-2800-72035> Java Advanced**

**<Assignment 11-03>**

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# Document Version Control

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# Document Purpose

The purpose of this document is to define the SavingsAccount Class.

# Technical Specifications

## Purpose of Technical Implementation

The purpose of the SavingsAccount subclass is to create an object that stores information relevant to the properties associated with the Account superclass and use the overloaded withdraw method to ensure no overdraws occur.

## Technical Implementation Components

This class has one method and one constructor.

**Properties**

1. This class has no unique properties

**Methods**

1. Withdraw(double amount): this method ensures the account will not withdraw any amount over its current balance, this ensures no overdrawn transactions take place.

**Constructors**

The SavingsAccount class is constructed with three arguments.

SavingsAccount SavingsAccount \_variable\_1 = new SavingsAccount (int id, double balance)

## Technical Implementation Pseudocode

Ask user for input that will be used to construct the SavingsAccount object

Create instance of the SavingsAccount class with required arguments.

Use the appropriate get method to withdraw from the account

Use appropriate method to get and set properties from the Account superclass

If the requested amount is over the balance, a message will be displayed.

End