

ISKOins

Program Design Language

Submitted to:

Asst. Prof. Ma. Rowena C. Solamo
Faculty Member
Department of Computer Science
College of Engineering
University of the Philippines, Diliman

Submitted by:

Caingat, Deanne Faye C.
Cruz, Eunice Angel D.
Velasco, Lois Alexis M.

In partial fulfillment of Academic Requirements
for the course
CS 191 Software Engineering I
of the
1st Semester, AY 2016-2017

Revision Control

History Revision:

<i>Revision Date</i>	<i>Person Responsible</i>	<i>Version Number</i>	<i>Modification</i>
11/17/16	Eunice Angel D. Cruz	1.0	Initial Document; Program logic for Add Expense Details

Program Specification: Add Budget Details

Input:

Name - the name that the student wants to call his/her new account

Initial_amount - the amount of the student's allowance

Duration - the time span of budgeting

Category_name - name of student's desired new category

Expenditure_limit - the ceiling amount that can be spent on a category

Output:

None

Program Logic:

```
SET Addcat_checker to FALSE
```

```
WHILE TRUE
```

```
    READ input Name
```

```
    READ input Initial_amount
```

```
    READ input Duration
```

```
    IF Name is NULL or Initial_amount is NULL or Duration is NULL  
    THEN
```

```
        DISPLAY "Name, Initial_amount, and Duration are required  
                fields"
```

```
    ELSE
```

```
        BREAK
```

```
    END IF
```

```
END WHILE
```

```
FOR each category in default_categories
```

```
    category.expenditure_limit = READ input Expenditure_limit
```

```
END FOR
```

```
Addcat_checker = READ input Add_category
```

```
WHILE TRUE
```

```
    IF Addcat_checker is TRUE THEN
```

```
        Cat_name = READ input Category_name
```

```
        default_categories.addnewcat(Cat_name)
```

```
        Cat_name.expenditure_limit = READ input Expendute_limit
```

```
    ELSE
```

```
        BREAK
```

```
    END IF
```

```
ENDWHILE
```