# ISKOins

## Project Description

Submitted to:

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

## *Unique Reference:*

The documents are stored in the GitHub Repository Link.

https://github.com/delccv191/CS-191

## *Document Purpose:*

This document aims to introduce and describe the proposed project “ISKOins”. Stated and included here are the target audience, description of entities, desired major inputs and outputs, and as well as the major functionalities of the project.

## *Target Audience:*

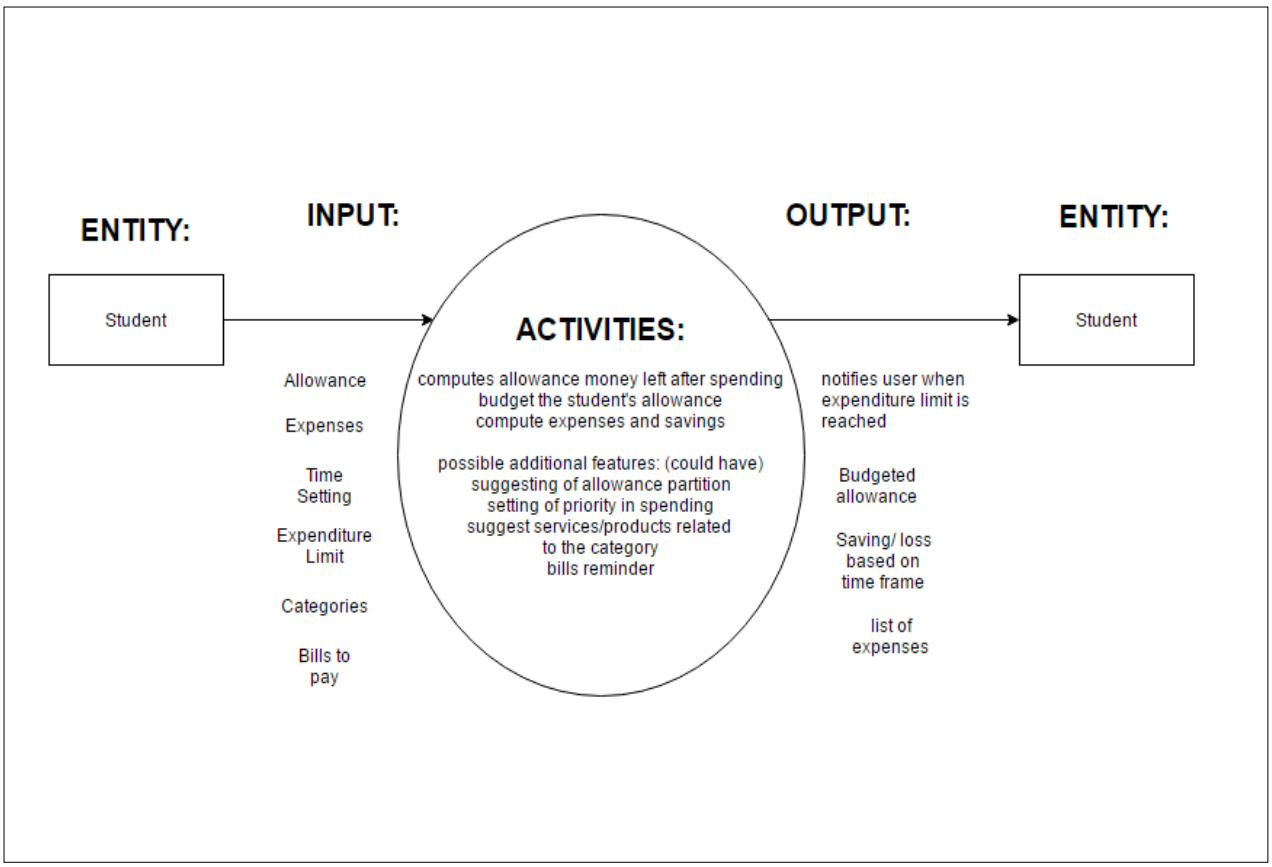
The target audience for this project are the students of the University of the Philippines Diliman.

## *Revision Control:*

| ***Revision Date*** | ***Person Responsible*** | ***Version Number*** | ***Modification*** |
|---|---|---|---|
| 09/07/16 | Eunice Angel D. Cruz | N/A | GitHub Repository<br>Document Purpose<br>Editing of Project Description |
| 09/07/16 | Lois Alexis M. Velasco | N/A | Submission GitHub Repository Link<br>Github Repository Folders<br>Description in this document |
| 09/07/16 | Deanne Faye C. Caingat | 1.0 | Context Diagram<br>Finalizing Project Description<br>Submission of Project Description |

*Project Title*: ISKOins

*Description*: ISKOins is an expense and allowance tracker that aims to help UP students in managing their money. It allows its users to enter their allowance and/or income for budgeting in certain categories that UP students would usually spend on. It allows the users to set goals and allocate their cash for savings. It will also notify the users whenever their spending reach a certain percentage of their expenditure limit. Lastly, it also indicates how much the user saved/loss based on the inputted amount and time frame.




*Context Diagram*:

*Entities*:

Student: gives the input and receives the output

## Major Inputs:

- Expenses: Money spent by the user
- Allowance Money: the amount of money to be managed
- Time Setting: Length of the time where the system will depend on how long the allowance money will be managed.
- Field of Expense/Categories: The category to which the managed money is going to be alloted
- Expenditure Limit: limit of expenses

## Major Outputs:

- Budgeted money based on how the student wants it
- States the savings/loss for the week/day
- Notifies the user if expense is nearing the expenditure limit
- Outputs a list of expenses

## Major Functionalities:

- Suggests a partition/budget plan of the amount entered/Budgets the student's allowance (possible additional feature: Student can set priority ranking of his expenditures)
- Makes a list of expenses
- Computes over expenses/savings given a time frame
- Computes allowance money left
- Possible additional Features(Could Haves)::
- The app could suggest cheap alternatives that fits their budget. (eg, whenever the user allocates a certain amount, the app could suggest food choices that is within their expected expense)
- It could show a summary of the user's past expense allocation and performance via graphical representation categorized monthly, weekly or according to certain tags.
- Notify the user if a bill needs to be paid