
The DCS Codex App

Use Case Model

Submitted to:

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Unique Reference:

The documents are stored in the <https://github.com/theswinghobo/DCSCodexApp> under the folder **02- Requirements Engineering** referenced with **Group 5-DCS Codex App-Use Case Model.pdf** and **DCS Codex App Use Case Model.uxf**.

Document Purpose:

The purpose of this document is to aid in the understanding of the design requirements of our project, specifically to identify the actors and functionalities of the system.

Target Audience:

The target audience is Prof. Ma. Rowena C. Solamo as she will be approving of this use case model for our project in CS 191. This document is also for ourselves, as it serves as a guide for how to proceed with our project.

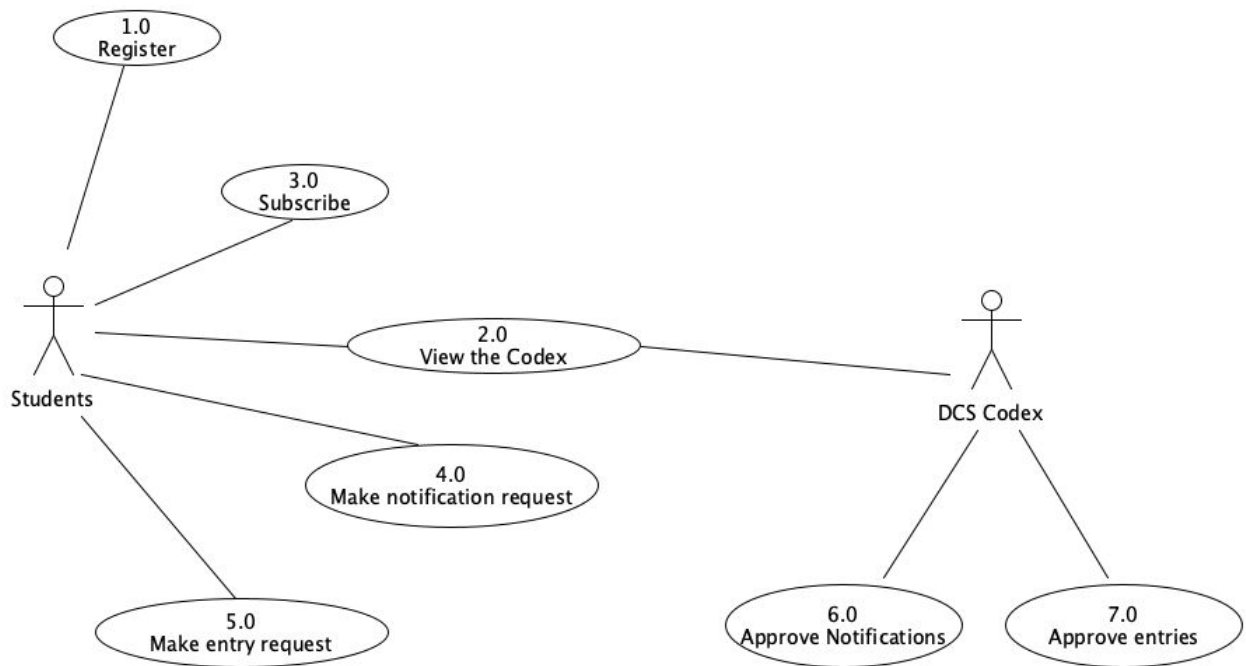
Revision Control:

<i>Revision Date</i>	<i>Person Responsible</i>	<i>Version Number</i>	<i>Contribution and Modification</i>
09/16/2019	Anica Galano	1.0	Initial document edits. Added the diagram. Edits to use cases (3.0)
09/16/2019	Ken Tabagan	2.0	Edits to actors (both Students and DCS Codex), and use cases (1.0, 2.0, 4.0, 5.0, 6.0, 7.0).
09/16/2019	Anica Galano	3.0	Edits to use cases (1.0, 6.0, 7.0). Edits to system description.

System Name: DCS Codex Notification System

Description: This system aims to improve the previous DCS Codex systems by adding the feature of notifications. Notifications are to be used as invitations to upcoming events and especially for reminders regarding academic deadlines and exam schedules. The system is also open to entry and notification requests from users, so they can add events into the codex and notify other users about those events.

Use-Case Diagram:



List of Actors:

<i>Actors</i>	<i>Description</i>
Students	Students of DCS. Primary users of the DCS Codex.
DCS Codex	Displays the Codex to the Students. Also represents the system administrators.

List of Use-cases:

<i>Use-Case</i>	<i>Description</i>
Use-Case 1.0 Register	The student is asked to create an account for the application. They will input the necessary information (name, Student ID, contact information) to be stored by the system. This allows the Codex to display relevant information to the user.
Use-Case 2.0 View the Codex	Allows actors to view the Codex. The Codex contains a calendar with the different events, deadlines, and exam dates. The different contents can be filtered depending on the desires of the user.
Use-Case 3.0 Subscribe	Students will be given a list of major subjects as options. They will choose all the subjects that they are currently taking. What this does is subscribe them to those classes so they are notified of important events and deadlines related.
Use-Case 4.0 Make notification request	Students who want to notify other users of an event are able to submit a request to publish a notification. They will fill out the necessary information regarding the event and purpose of the notification. The request will either be approved or denied by a system administrator.
Use-case 5.0 Make entry request	Students who want to publish a Codex entry onto the Codex are able to submit a request. They will fill out the necessary information regarding the event they want added. The entry will be added to the Codex if approved by an administrator, otherwise it is disregarded.
Use-case 6.0 Approve notifications	The DCS Codex system admins can review notification requests submitted to them by users. These requests can either be approved or denied based off of the information given within the request. If approved, the notifications will be scheduled for sending.
Use-case 7.0 Approve Entries	The DCS Codex system admins can review entry requests submitted to them by users. These requests can either be approved or denied based off of the information given within the request. If approved, the entry will be added to Codex.