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# **DCS Codex Mobile App**

## **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:

Borja, Kim  
Pilipina, Jigger Angelo  
Valencia, Ian Benedict

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### **Unique Reference:**

The documents are stored in the <https://github.com/kimmu/DCS-Codex-Mobile-App>.

File reference: *DCS-Codex-Mobile-App/01-Project Documents/Project Description – DCSCodexMobileApp – BorjaPilipinaValencia.pdf*

### **Document Purpose:**

This document serves as a brief description of the project's target functionalities and features.

### **Target Audience:**

This document is useful for developers who would like to extend the mobile application in the future.

### **Revision Control:**

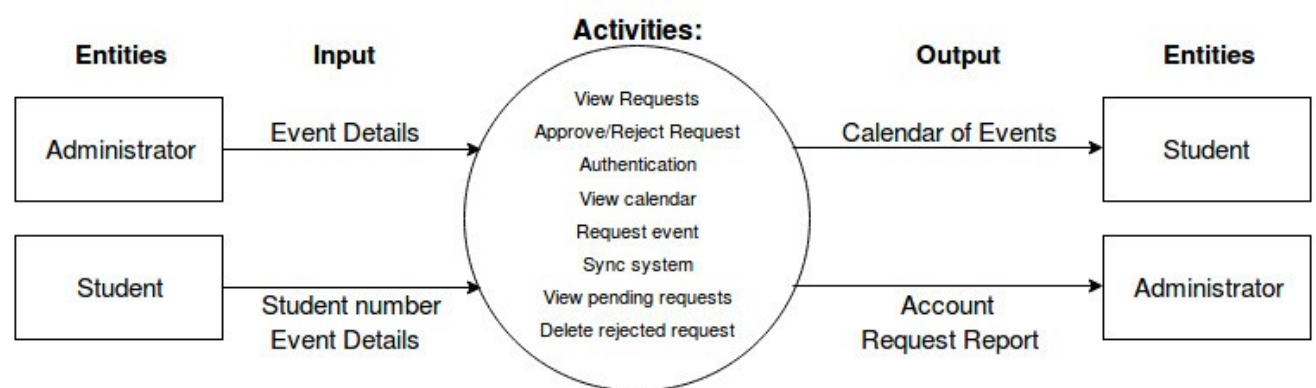
<b><i>Revision Date</i></b>	<b><i>Person Responsible</i></b>	<b><i>Version Number</i></b>	<b><i>Modification</i></b>
09/05/17	Borja, Kim	1.0	Initial Document
09/17/17	Borja, Kim	2.0	The scope was modified.
09/29/17	Borja, Kim	3.0	The scope was modified.

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**Project Title:** DCS Codex Mobile App

**Description:** The purpose of this project is to create a mobile application for the calendar of events related to the Department of Computer Science (such as MP deadlines and exam dates for each subject). The administrator of the application adds an event to the calendar via direct manipulation of the database after approving a request from the user. Students can view the calendar of events. They can also request for additional events to be added and view the status of their pending requests.

**Context Diagram:**



**Entities:**

1. Administrator – An administrator manages requests from the users via direct manipulation of the database.
2. Student/User – The student is considered as the user. A user is anyone who views the calendar of events. He/she can also make a request for an additional event to be added in the calendar, sync the system to the server, view pending requests, and delete rejected requests.

**Major Inputs:**

1. Event Details – This pertains to the details regarding the event to be added in the calendar such as the name of event, subject, professor, and date and time of event.
2. Student Number – The student needs to enter his/her student number for identification which will then serve as an account.

**Major Outputs:**

1. Calendar of Events – This is the list of events sorted through dates.
2. Request Report – Event details sent by the viewer; to be read and validated by the administrator.
3. Account – An identification for the student after he/she enters his/her student number.

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### Major Functionalities:

1. View Requests (done by the administrator via direct manipulation of the database)
2. Approve/Reject Request (done by the administrator via direct manipulation of the database)
  - If a request from the user is approved, the administrator adds the event details to the calendar.
3. Authentication
4. View Calendar
5. Request event
6. Sync system
7. View pending requests
8. Delete rejected requests