

CA400 User Guide

Project Title: NFC Powered DCU

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Abstract

This is the user manual for the CA400 project: NFC Powered DCU. The project is a database connected API which tracks user attendance using NFC. It has a connected website that is used for display of information to end users, as well as simple system management for admin users.

The project functions by reading the student ID card with an android app and displaying the information on the website

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1. Guide

1.A Visualising data with the Graph component

To visualise the data, Users just click the dropdown menu and choose which course they want to see the attendance for. The attendance for all modules in that course is then displayed in bar chart form.

1.B Viewing Student timetable

Inorder to check a student timetable the user inputs their student ID number into the text box at the top and hits submit. The timetable will then display all lectures that student ID is registered for. By clicking on the view options in the top right hand corner, the user can select to see the lectures in either monthly, weekly or single day format.

1.C Viewing Lecturer timetable

To view the lecturer timetable the user selects a course code using the dropdown menu. The timetable will then display all lectures for modules in that course. The view options can be changed in the top right hand corner, so the user can view the lectures in monthly, weekly or daily format. In the top left hand corner the user can use the arrows or today button to change the date being viewed.

1.D Creating a Lecture

To create a lecture the user has to click on the create lecture button in the top left hand corner. This expands into a form, the user inputs the module code, a start time and date, an end time and date, and then hits submit. This creates the lecture and it is displayed on the timetable.