

School of Computer Science and Engineering

*The University of New South Wales*

**SENG2021 – Requirements and Design Workshop**

Term 1 – 2019

**Raisin**

Date of Submission: 08/03/2019

Submitted by: Richard Liu (z5165455)

Rory Madden (z5208738)

Yorke Li (z5207298)

Faiz Ather (z5170340)

**Group Info:**

**Name:** digital\_invention (formerly NoName3)

**Mentor:** Christopher Joy

**Meeting Day:** Tuesday

**Meeting Time:** 1:20PM – 1:40PM

Contents page

# Problem Statements

(1) There is no way for a UNSW student using WebCMS3 to view all their due dates for a specific course without reading the course outline

(2) A UNSW WebCMS3 student must thoroughly search the entire course outline on WebCMS3 to verify they have accounted for all due dates for a specific course

(3) A UNSW WebCMS3 student cannot view their entire due dates for all assessable content from all their courses on WebCMS3 in a single centralised place

(4) A UNSW WebCMS3 student must manually insert all their courses’ due dates into their digital calendar

# User Stories

Requirement: WebCMS3 lacks a clean UI to view all due dates for a specific course

Feature: An accurate and thorough utility to grab all assessments for a course and their respective due dates

As a: Student

So that: I can clearly manage my assessments for the course and potentially avoid missing deadlines

I want to: View all my assessment dates in one place

GIVEN that I can login on WebCMS3 and have registered, current courses

THEN I can generate all my course dates in one place

Requirement: WebCMS3 lacks a seamless way to export assessment due dates to a calendar service such as Google Calendar or iCal

Feature: Ability to export the generated assessment dates to Google Calendar or iCal

As a: Student

So that: I can plan my workload appropriately and be reminded

I want to: view my assessment dates on Google Calendar or iCal

GIVEN: that I have successfully generate my assessment dates

THEN: I can export it to Google Calendar or iCal by pressing a button

# Lo-Fidelity Prototype

Figure 1: Storyboard Interactions Graphs

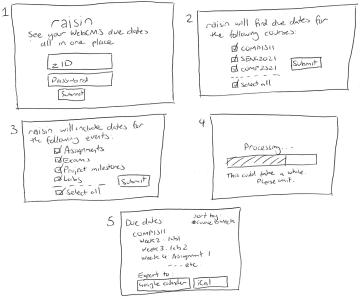


Figure 2: UI Component Sketch

# High-Fidelity Prototype

A simple interactive prototype of our website can be viewed through opening the HTML files in any web-browser. Hence the buttons allow navigation to the next webpage. This initial user interface of our website provides an insight as to how a UNSW student using WebCMS3 can operate our application.

These HTML files can be found in the ‘master’ branch, in the ‘html’ directory, and the user interface file is the ‘index.html’. These user interface webpages of our website can also be viewed through the figures below.

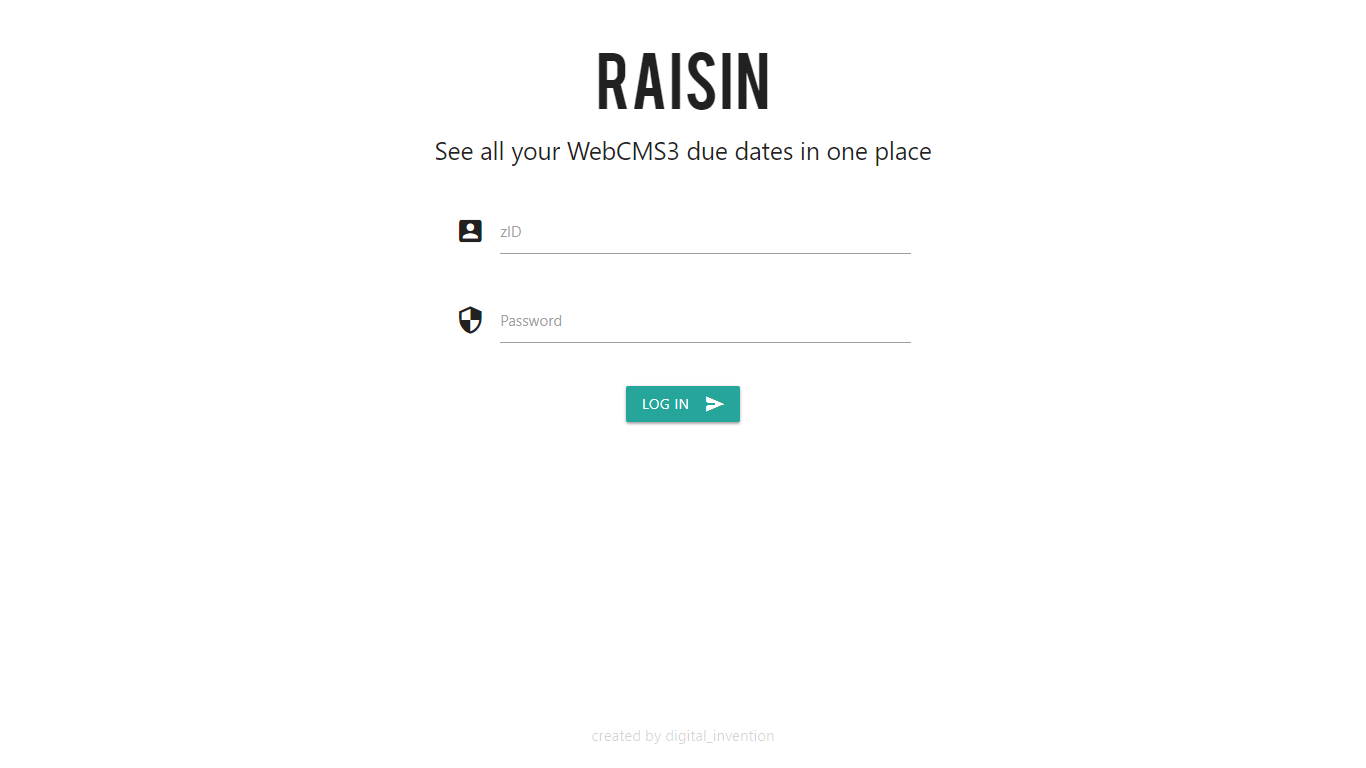


Figure 1: Raisin Login Interface

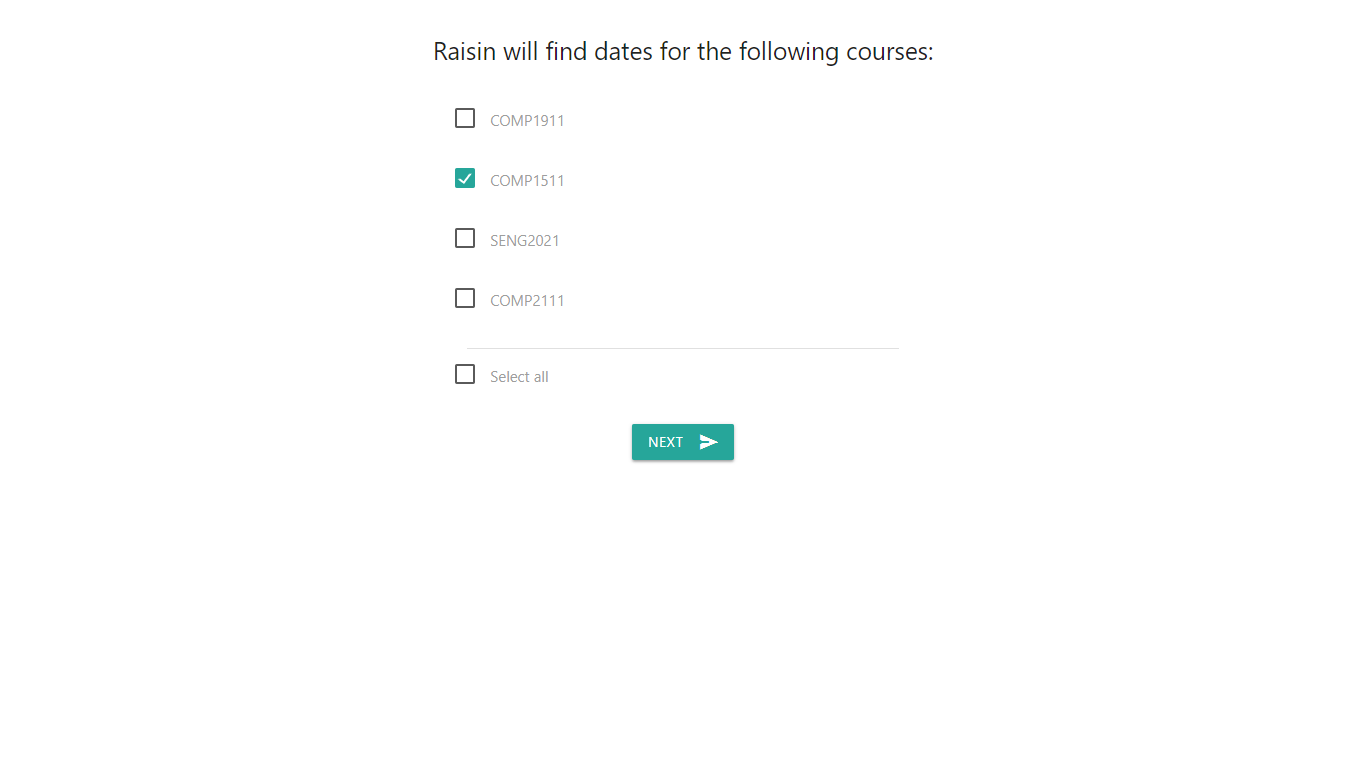


Figure 2: Raisin Course Selection Interface

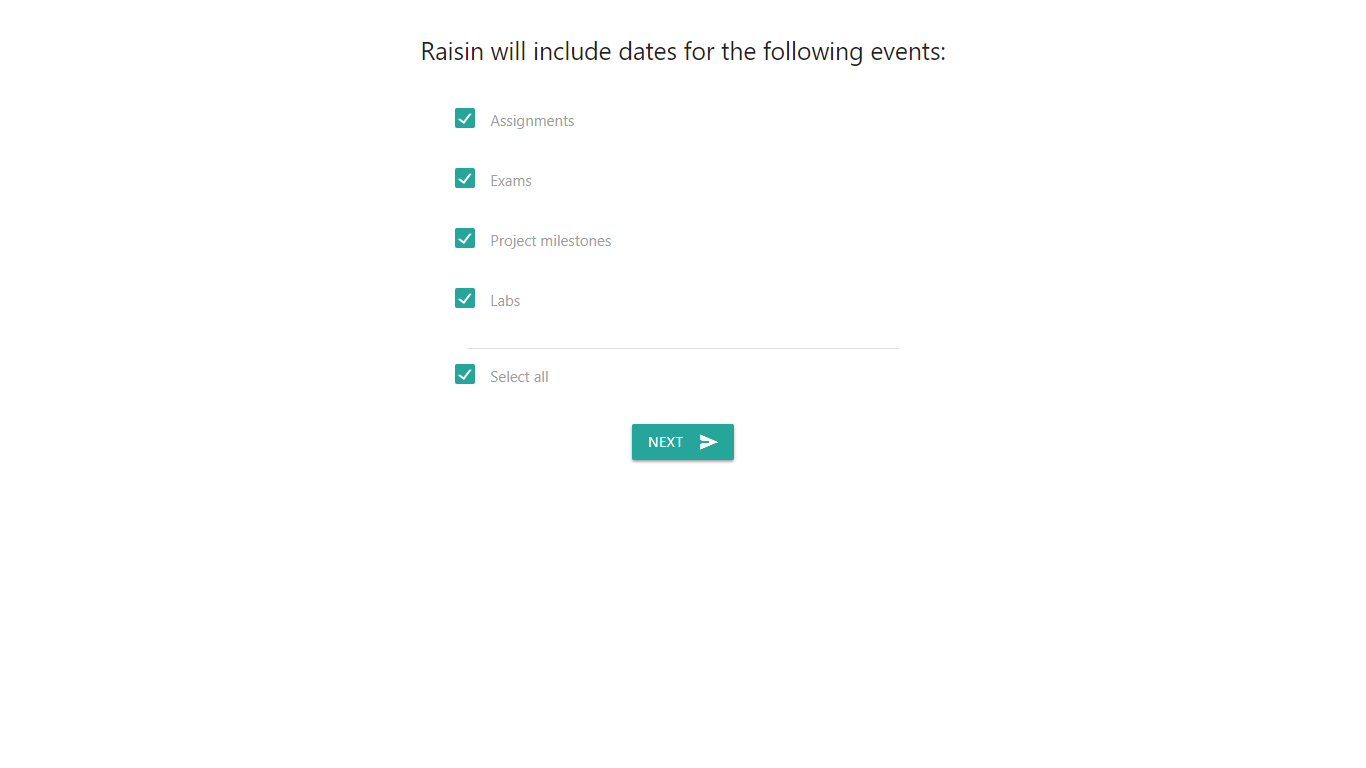


Figure 3: Raisin Course Deadlines Interface

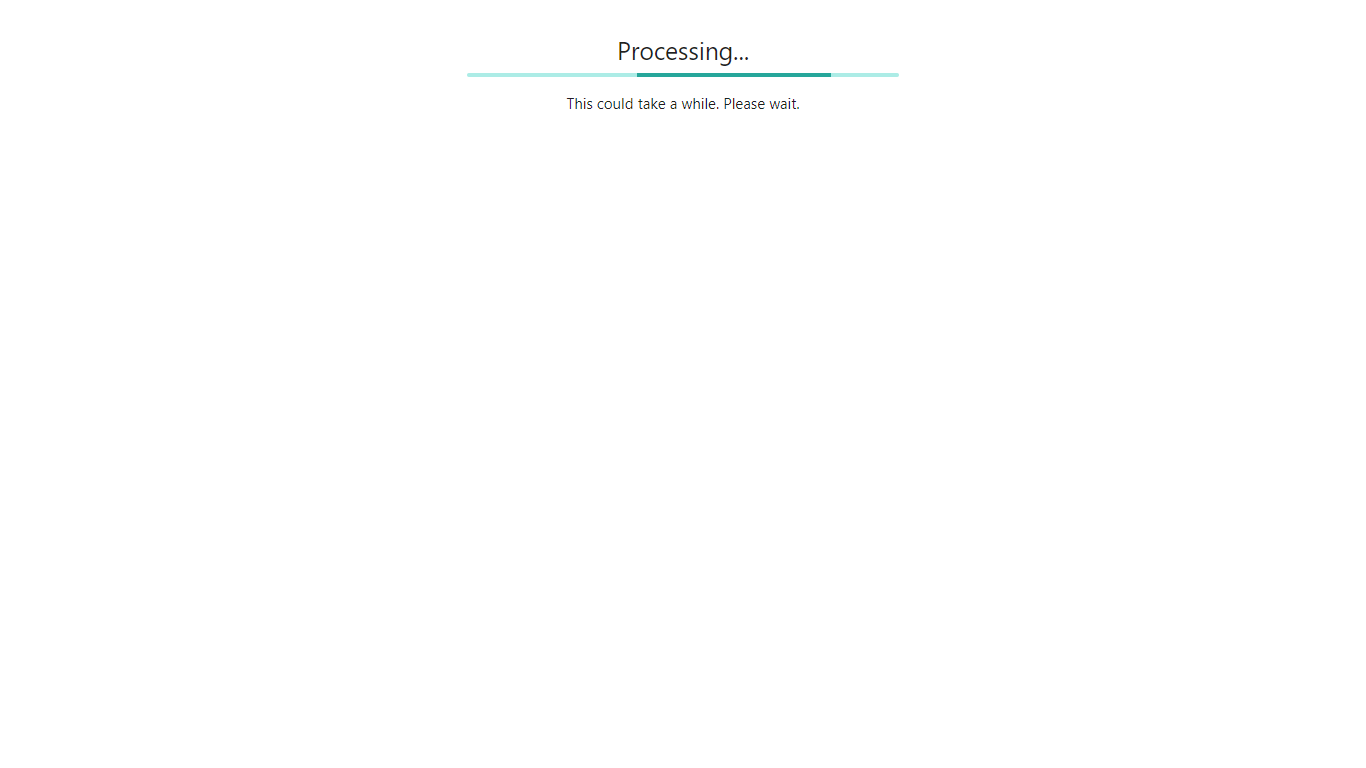


Figure 4: Raisin Loading Screen Interface

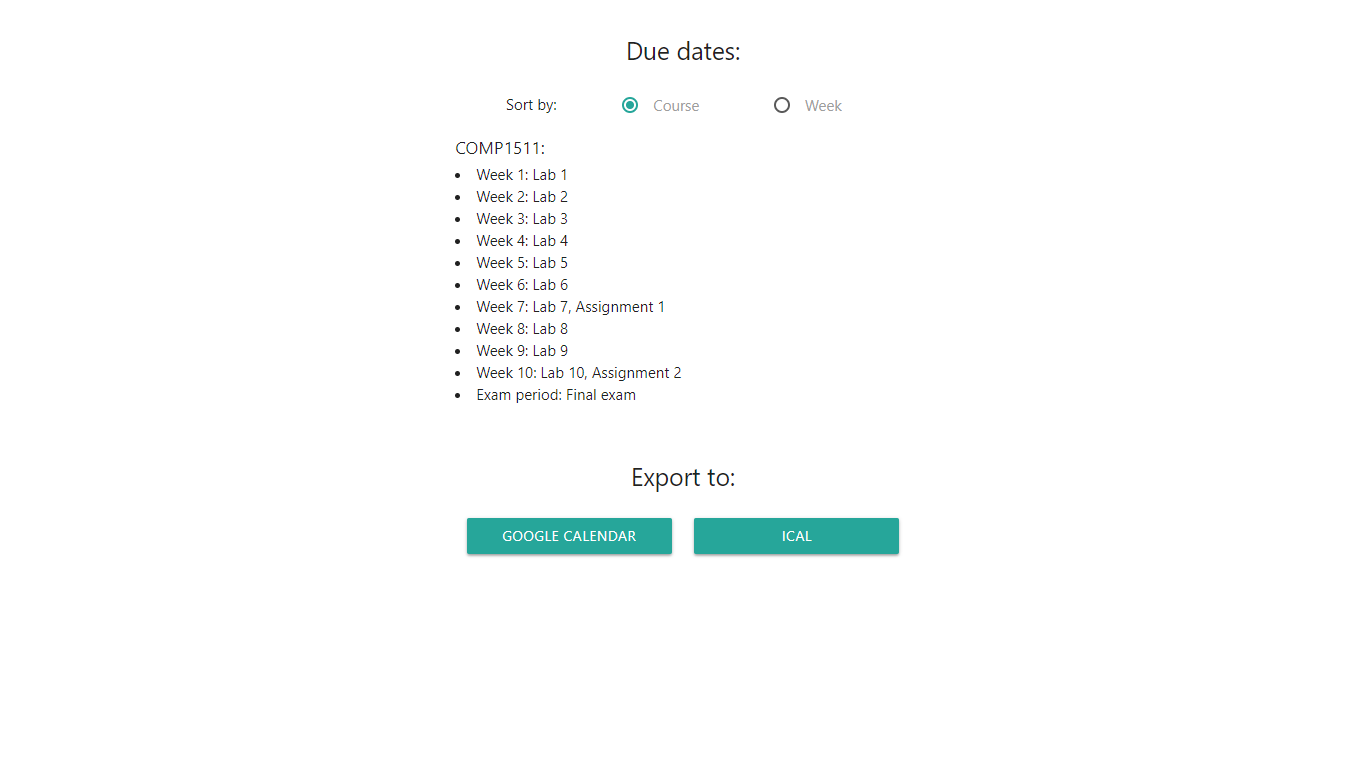


Figure 5: Raisin Course Weighted Assessments Interface