College of Engineering, Construction and Living Sciences
Bachelor of Information Technology
IN608: Intermediate Application Development Concepts
Level 6, Credits 15

Practicals

Assessment Table

Assessment Activity	Weighting	Learning Outcomes	Assessment Grading Scheme	Completion Requirements
Practicals	20%	1	CRA	Cumulative
Django & OpenTDB API	50%	1, 2	CRA	Cumulative
Django REST Framework, React & OpenTDB API	30%	1, 2	CRA	Cumulative

Conditions of Assessment

This assessment will need to be completed by Monday, 2 November 2020.

Pass Criteria

This assessment is criterion-referenced with a cumulative pass mark of 50%.

Submission Details

You must submit your program files via **GitHub Classroom**. Here is the link to the repository you will be using for your submission – https://classroom.github.com/a/2Hnb0QIq.

Authenticity

All parts of your submitted assessment must be completely your work and any references must be cited appropriately.

Policy on Submissions, Extensions, Resubmissions & Resits

The school's process concerning **Submissions, Extensions, Resubmissions and Resits** complies with Otago Polytechnic policies. Students can view policies on the Otago Polytechnic website located at https://www.op.ac.nz/about-us/governance-and-management/policies.

Extensions

Please familiarise yourself with the assessment due dates. If you need an extension, please contact your lecturer before the due date. If you require more than a week's extension, a medical certificate or support letter from your manager may be needed.

Resubmissions

Students may be requested to resubmit an assessment following a rework of part/s of the original assessment. Resubmissions are completed within a short time frame (usually no more than 5 working days) and usually must be completed within the timing of the course to which the assessment relates. Resubmissions will be available to students who have made a genuine attempt at the first assessment opportunity. The maximum grade awarded for resubmission will be C-.

Learning Outcomes

At the successful completion of this course, students will be able to:

1. Demonstrate sound programming by following design patterns and best practices.
2. Design and implement full-stack applications using industry relevant programming languages.

Assessment Overview - Learning Outcomes 1

In this assessment, you will complete a series of programming tasks covering the lecture & resource material.

Topic	Weighting	Due Date
Python 1: Abstract Data Types & OOP Recap	0.5%	03-08-2020
Python 2: More Abstract Data Types	0.5%	03-08-2020
Python 3: Functional Programming	1%	10-08-2020
Python 4: In-Built Functions & SOLID	1%	10-08-2020
Python 5: Exceptions & Automation Testing	1%	17-08-2020
Python 6: Concurrency & Parallelism	1%	17-08-2020
Django 1: Route, Model & Admin Site	No Weighting	
Django 2: View & Template	1%	24-08-2020
Django 3: Forms & Class-Based Views	1%	31-08-2020
Django 4: Template Inheritance, Static Files & CDNs	1%	31-08-2020
Django 5: Automation Testing	1%	07-09-2020
Django 6: Authentication	1%	07-09-2020
Django 7: Security	No Weighting	
Django 8: Django REST Framework & GraphQL	1%	14-09-2020
Django 9: Deployment	1%	21-09-2020
React 1: Create-React-App	No Weighting	
React 2: JSX	1%	28-09-2020
React 3: Props	1%	28-09-2020
React 4: Class-Based Components	1%	12-10-2020
React 5: State	1%	12-10-2020
React 6: Lifecycle Methods	1%	27-10-2020
React 7: Forms & Events	1%	27-10-2020
React 8: Axios & Async/Await	1%	02-11-2020
React 9: DOM Access	1%	02-11-2020