

# SIT725- Applied Software Engineering

## 1.1P: Welcome Package and Skill Review

### Overview

This unit has been carefully designed to guide you towards becoming professional Software Engineers. The focus will be on analysing, designing, and developing applications. It is crucial to understand that this unit revolves around software development, and to successfully pass them, you must be capable of writing executable code.


Now that we have addressed the obvious, let me extend a warm welcome to SIT725! My name is Niroshinie Fernando, and I am the unit chair in T3, 2024. I have worked for several years in the industry as a software engineer, and now, I am here to help you in your journey to become the next generation of Software Engineers, ready to solve world problems 😊.

This unit will be intense but rest assured that the teaching team will be here to support you every step of the way. By investing your efforts and dedication, you will reap the rewards at the end of the unit.

Classes commences in Week 1, and it's important to note that there will be assessment tasks due in Week 2. Therefore, I strongly advise you to start working on the material from day one to stay on track.

### Delivery Mode Teams – Online & on-campus

The learning resources will be mainly delivered on Teams, and the Cloud Deakin Unit site.

 SIT725 - Applied Software Engineering

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### Discussions

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#### General Unit Discussions

Please be aware that Deakin University students are expected to abide by Deakin's Values, which include being part of an inclusive and respectful community. Any messages or comments posted on this unit site that are not respectful of teaching staff or students will be removed.

Further guidelines regarding expectations for "Respectful Behaviour" and "Professional Communication" in this unit are available in the Unit Information module.

Topic	Threads	Posts
<b>Student Discussion</b>		
This Student Forum allows you to get to know fellow students and to discuss unit content and support each other in your learning.	0	0
<i>Please note: This is an educational forum and as such proper etiquette should be followed.</i>		
<b>Questions for the Unit Chair</b>		
Please use this topic to post questions related to all matters regarding the admin and teaching of this unit to the Unit Chair. The answers to these questions may help fellow students.	0	0

Notifications regarding the unit will be broadcast via **Cloud Deakin Unit** site and **Microsoft Teams**. Please join the team by following the link below, unless you have already been invited.

[SIT725 Applied Software Engineering T2 2024 | General | Microsoft Teams](#)

**Please Note:** If you have any questions for the unit chair, please either:

- Post in the Unit site (Cloud Deakin) **Discussions** forums (recommended) OR
- email Dr Fernando at [niroshinie.fernando@deakin.edu.au](mailto:niroshinie.fernando@deakin.edu.au) with SIT725 in the email subject.

To ensure your questions are answered, **please avoid direct messaging the Unit Chair on Teams**, as it's challenging to manage a high volume of messages this way.

## **Weekly Activities: Week 1 - Week 11**

### **Online Lectures:**

- **When:** Every Tuesday, 2:00 - 2:50 pm, except in Week 1 in which the lecture will be on Wednesday due to 5<sup>th</sup> Nov Tuesday being a public holiday.
- **Where:** Lecture channel on Microsoft Teams
- **Instructor:** Unit chair- Niroshinie

### **Workshops:**

- **Tutor:** Faisal Alam
- **On-Campus Workshops:** (compulsory for on-campus students)
- **When:** Every **Thursday**:
  - 10:00 - 11:50 am (Room: LC5-105 – please double check timetable for location)
- **Note:** More workshops may be added depending on student enrolments

### **Online Workshops:**

- **Who:** Only for online-enrolled students
- **When:** Every **Thursday**, 6:00 pm - 7:50 pm
- **Where:** Workshop channel on Microsoft Teams
- **Access:** Only online students have access to this channel

### **Technology Stack**

The technology stack for this unit includes NodeJS, React, HTML, and Bootstrap/Materialize. You are expected to have prior programming experience before joining this unit. If you don't have any programming experience, it is crucial to start learning immediately. You have the following sections to be done for this task:

#### **1. Mandatory Online Learning Course:**

- **Duration:** 24 hours
- **Completion Deadline:** By the end of Week 3
- **Recommendation:** Start from Week 0 if you lack confidence in your programming skills.
- **Platform:** LinkedIn Learning through the below link: **(accessible with your Deakin account)**.

[https://www.linkedin.com/learning/collections/6579539778742681602?trk=share\\_collection\\_url&accountId=2104084&u=2104084&success=true&authUUID=YInlwdrbTrqN19%2FPh2FCig%3D%3D](https://www.linkedin.com/learning/collections/6579539778742681602?trk=share_collection_url&accountId=2104084&u=2104084&success=true&authUUID=YInlwdrbTrqN19%2FPh2FCig%3D%3D)

#### **2. Git account**

To successfully submit your practical-related tasks during the trimester, it is essential to create a GitHub account for this unit. Follow the simple instructions provided below to create your account:

1. Visit the GitHub website at [www.github.com](https://www.github.com)

2. Click on the "Sign Up" button to begin the account creation process.
3. Enter your preferred username, email address, and a strong password.
4. Select the "Free" plan option,
5. Complete the security verification process, if prompted.
6. Review and accept the terms of service and privacy policy.
7. Click on the "Create account" button to finalize the account creation.

Once you have successfully created your GitHub account, you will be ready to submit your practical-related tasks throughout the trimester.

### **Ontrack**

All of your assessment tasks will be done through OnTrack. Make sure that you can see your unit-SIT725 through the below website:

[Ontrack.deakin.edu.au](https://ontrack.deakin.edu.au)

If you are not, raise an issue in the Teams channels.

### **Submission details**

Once you finished reading this task sheet, leave a comment describing your programming skills, your familiarity with Java script, and your target grade for this unit; then mark this task as “ready to feedback”.