**5SENG007W Software Engineering Principles and Practice**

**Week 4 Seminar**

**Task 1**

Start building the requirements for your chosen software system.

Talk to the seminar tutor (Stakeholder) using prepared questions in form of more interviews, similar to what you asked last week to iron out vague requirements. Remember, requirements must be specific.

You **must finalise the “User Requirements” and “System Requirements”** that you will use for your Coursework One.

**User requirements**

General user

* Registration
  + User must be able to choose their role (passenger or driver)
  + User must be able to provide the necessary details

Driver

Passenger

* Choose their pick-up and drop-off location
* Book a vehicle from a list
* The user must be shown the cost of their booking

**System requirements**

**Task 2**

You already produced a Onion Diagram.

With the finalized requirements of Task 1 above, attempt **to draw a Use Case diagram** for the “User Requirements”.

You can use the following tools to create the Use Case Diagram.

* StarUML - You can dismiss the evaluation notice and use it.
* Astah\* UML – apply for a student license on their website to use it
* Visual Paradigm - available on UoW apps anywhere to draw your modelling diagrams or any other tool that has the correct UML notations.

**Task 3**

Draw the UI & UX “wireframe” designs using a visualization tool for any drawings including modelling prototypes

* Figma - <https://www.figma.com/>
* Balsamiq - <https://balsamiq.com/>
* MS Viso
* Powerpoint
* Any UI & UX tool that allows you to draw sketches of UI’s