

CG1112 Engineering Principle and Practice II
Semester 2 2017/2018
Project Demonstration Procedure

Submission Notice

To facilitate the presentation, please submit the presentation slides into IVLE folder latest **1 hour before your studio** (i.e. Wednesday 7am, Wednesday 1pm, Thursday 1pm respectively).

Schedule

Please note the timeslot allocated to your team as follows:

Group 3 Wed, 18 th April, Morning			Group 1 Wed, 18 th April, Afternoon			Group 2 Thu, 19 th April, Afternoon	
Submit Vincent			Submit Vincent			Submit Vincent	
8:00-8:30	3-3- 02		14:00-14:30	1-2- 02		14:00-14:30	2-3- 02
8:15-8:45	3-1- 01		14:15-14:45	1-1- 01		14:15-14:45	2-1- 02
8:30-9:00	3-3- 01		14:30-15:00	1-5- 02		14:30-15:00	2-5- 01
8:45-9:15	3-4- 02		14:45-15:15	1-3- 02		14:45-15:15	2-1- 01
Buffer			Buffer			Buffer	
9:15-9:45	3-1- 02		15:15-15:45	1-5- 01		15:15-15:45	2-3- 01
9:30-10:00	3-2- 01		15:30-16:00	1-2- 01		15:30-16:00	2-4- 02
9:45-10:15	3-4- 01		15:45-16:15	1-4- 01		15:45-16:15	2-2- 01
10:00-10:30	3-2- 02		16:00-16:30	1-4- 02		16:00-16:30	2-5- 02
			Buffer			Buffer	
			16:30-17:00	1-3- 01		16:30-17:00	2-4- 01
			16:45-17:15	1-1- 02		16:45-17:15	

Note that **all teams** are supposed to submit Vincent to the teaching team at the beginning of the test session regardless of the allocated testing timeslot. Vincent should be powered down properly to conserve battery before submission.

Each of the 30 minutes timeslot is structured as follows:

- a. [0 min – 15 min] **Vincent Demo**
- b. [15min – 30 min] **Group Oral Presentation**

Details are given in their respective sections.

A. Vincent Demo

You are given **exactly 10 minutes** to demo Vincent. You can have up to 3 retries within the time limit, note that **we take the last trial as the final result**. There is no defined duration split for the phase A and B evaluation. **If possible, you should implement your phase B backtracking such that it can be retried independently from Phase A, i.e. you can just restart from phase B. Otherwise, you will have to restart from phase A if you need to retest phase B.**

The simulated environment will be set up in Section 1 (near the tail end of the lab). The tele-operator and team members will be seated in Section 2. Both sections are “off limit zone” for all other students. Note: **as soon as Phase B starts**, the operator has to move away immediately from his / her laptop.

General flow:

- **[1-2 minutes]** Connect your teleoperator’s laptop to Vincent, setup etc.
- **[10 minutes]** Phase A + Phase B test. Refer to project spec for the requirements.
 - **[IMPORTANT NOTE]** During phase A, the instructor will ask you to mark up to 3 locations. **You need to perform the marking operation as soon as able and inform the instructor once the command has been executed.** This is to ensure the instructor has a clear idea of the exact location of those markers.
- **[1 minute]** Submit your hand drawn / screencap of the environment map.
- **[1-2 minutes]** Buffer

B. Group Oral Presentation

Please proceed to the small room near section 2 for group oral presentation immediately after the Vincent Demo. **As mentioned at the start of this document, make sure your group upload the slides to IVLE folder early so that we can prepare the presentation slides for you to reduce delay.**

General flow:

- **[1 minute]** Setup time, opening the PowerPoint etc.
- **[12-13 minutes]** Group presentation. Each member should present for 2 to 2.5 minutes. There may be questions from the review panel. **We will adhere to the time limit strictly.**