The University of Queensland – School of Information Technology and Electrical Engineering
Semester 1, 2025 – CSSE2010 / CSSE7201 Assignment

Student Number								Family Name	Given Names
4	8	9	2	6	7	8	2	Holdcroft	Alexandra

An electronic version of this form will be provided. You must complete the form and include it (as a PDF) in your submission. You must specify which IO devices you've used and how they are connected to your ATmega324A.

Port	Pin 7	Pin 6	Pin 5	Pin 4	Pin 3	Pin 2	Pin 1	Pin 0
A	SSD DP	SSD G	SSD F	SSD E	SSD D	SSD C	SSD B	SSD A
B	SPI connection to LED matrix				Button B3	Button B2	Button B1	Button B0
C	Switch S2	Switch S1	Switch S0	CC (ssd)	LED L3	LED L2	LED L1	LED L0
D		piezo buzzer					Serial RX	Serial TX
							Baud rate: 19200	

Other Notes: _____

Feature	✓ if attempted	Comment (Anything you want the marker to consider or know?)	Mark	
Start Screen	✓		/4	
Set Destination with Buttons	✓		/8	
Set Destination with Terminal	✓		/8	
Terminal Display #1	✓		/6	
Traveller Placement	✓		/8	
Move Traveller #1	✓		/8	
Speed Control	✓		/6	
SSD Direction Indicator	✓		/6	/54
Move Traveller #2	✓		/8	
SSD Current Floor	✓		/8	
Terminal Display #2	✓		/4	
Sound Effects	✓		/8	/28
IOBoard LED Door Animation	✓		/6	
Traveller Queue			/6	
Joystick – Service Mode			/6	/18

Total: (out of 100)

General deductions: (errors in the program that do not fall into any above category, e.g lag in the emulator)

Penalties: (code compilation, incorrect submission files, etc. Does not include late penalty)

Final Mark: (excluding any late penalty which will be calculated separately)