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

Student Number	Family Name	Given Names

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								
B	SPI connection to LED matrix				Button B3	Button B2	Button B1	Button B0
C								
D							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) ☐