ITERATION 1

USER STORIES

As a - Robotics Foundation student
I want - to be able to complete my lab work on an online IDE
So that - I can avoid any issues arising from setting up a development environment on my pc

As a - Robotics Foundation lecturer
I want - an online IDE app for students to complete their lab work
So that - I can save time by not having to look into student development environment setup issues

As a - student considering enrolling into the Robotics Foundation course
I want - to get my hands on robot programming on an easy to use platform
So that - I get a taste of the course before selecting it

As a - Robotics Foundation lab demonstrator
I want - an IDE which the students and I are well familiar with
So that - the students get the most out of their lab sessions

As a - Robotics Foundation student
I want - to be able to save my current lab progress to continue later
So that - I don't have to recode my previous work and save time

As a - Robotics Foundation lecturer
I want - a system for which students can submit their lab exercises for grading
So that - I can manage them easily

As a - Robotics Foundation student
I want - an online IDE which works on any OS and browser
So that - I can use my prefered browser + OS and do my weekly lab exercise

As a - Robotics Foundation student
I want - the ability to chat with my peers
So that - I can provide and receive help outside lab hours

USER PERSONA

Robert Green - 20, Male, Robotics Foundation student

Robert's Goals - To be able to receive, do and submit his weekly lab exercises all at one place

Robert's Frustration - Previous Robotic foundation web app did not work on his favourite web browser

USER SCENARIOS

Timothy, a robotic foundations student, lost his laptop after a night out with his mates. Timothy was given a temporary laptop and does not want to load it with foreign files such as installing a linux distro and setting up a ROS development environment to complete his lab exercise due next week.