**Assignment 1**

1. **Learning Outcomes**

Introduce TDD

1. **Organisation / More Info**

* Individual assignment
* Reference
  + Books in reading list. W3Schools / HTMLDog / FreeCodeCamp
  + <https://jestjs.io/docs/en/getting-started>
  + Example on https://github.com/paul-kelly-dit/group-project-2020

1. **Submission**

Similar to last week, I want you guys to prepare a PR and share it for review over what communications channel you are using. It will need to be approved by somebody on your team – with a comment saying ‘I approve this’ or similar.

The deadline for PR is Wed Oct 7th, 2020 @23:59 – all code and reviews should be merged to master.

Each member on the team should have a separate folder with their solution

***<student-name>***-***<student-id>/tdd***

1. **Task 1 (Individual)**

* Git clone the project <https://github.com/paul-kelly-dit/group-project-2020>

Graphical user interface, text, application

Description automatically generated

* Copy the source files from tdd-assignment into ***<student-name>***-***<student-id>/tdd*** in your project repo.
* Follow the instructions in the README.md
  + Install yarn
  + Install jest
  + Run the tests
  + When you run the tests you should see the following:

*✕ processApplicant - should return MAYBE if job applicant has 3 years or more experience in hospitality, but does not have a bachelors degree (3 ms)*

1. First task is to make this pass (hint: you will need to make changes to jobapplication.js)
2. Second task is to add an additional test and functionality with the following text

'processApplicant - should return NO if job applicant has less than 3 years experience in hospitality, and does not have a bachelors degree'

1. **Task 2 (Group)**

* Identify all the Epics in your proposed application**,** spend some time at this. Brainstorm all potential use cases that you would like to deliver.
* For each Epic – no need to create individual stories yet. However, I would need you to write bullet points with time attached for how long you think each task will take.
* For the first Epic that you hope to tackle – Write individual stories for each Epic. This should correlate to the line items that you documented above.
* Prepare your first sprint – what you guys are all going to work on – and drag into the sprint backlog.
* As you work on each item – assign it to yourself and drag into in progress.
* When complete – move to test / ask team members to test.
* If everyone happy, move to done