

Supervision Meeting

Date: 24/10/2018

Student Name: Jovanie Lawrence

Supervisor: David Gamez

Project status

Early stages.

Meeting Report

MARKING CRITERIA FOR PROPOSAL

1. Suitability

Is the project proposal at a suitable level for an Undergraduate student who is to commit about 300 hours to it? (objectives have been clearly stated, what breadth of investigative work needs to be carried out for the project and whether the project makes suitable demands enabling a student's skills to be demonstrated.

Mark out of 3

2. Project plan

Is the project plan suitable for achieving project objectives? Has a range of specific tasks been identified which are clearly related to achieving the stated project objectives? Is the plan for completing of the stated tasks clear?

Mark out of 4

3. Quality of written work

How good is the written work?

Mark out of 3

STUFF THAT NEEDS TO GO INTO PROPOSAL

☐ A description of the project you wish to undertake

Couple of paragraphs. Don't start with the development of farming in the Neolithic period. Or with the birth of the Internet.

☐ A brief description of the deliverables

- Technology deliverables – getting Docker images running, deploying cloud, remote interface, etc.
- Project deliverables – literature review, design, etc.
- Evaluation.

Personally I would call these D1, D2. Can also call them M1 (milestone 1).

☐ A brief explanation of the problem you are addressing

☐ A brief explanation of how you can evaluate your work

Lame questionnaire. Ask ten of your mates to 'evaluate'. Draw pretty graph. Radar plots.

Unit testing.

☐ A Gantt chart clearly showing milestones and deliverables

Stick the labels in Gantt chart.

Be ambitious – don't just aim for minimal timeline.

☐ A list of resources required

AWS student account

Obvious free bits of software – Docker etc.

☐ A list of relevant books and article/publications (at least 6)

Harvard format.

Docker

Background on difference between Docker and virtual machines.

Interface to Docker image.

Play around with AWS desktop and see if you can find out how it works.

Sign up for student account with your Middlesex Email.

<https://aws.amazon.com/education/awseducate/>

Should give you \$30.

Project in General

Create an online software environment for teaching web development.

Suppose, we wanted standard XAMPP environment. MySQL, Apache and PHP.

This is the problem of creating custom Docker images.

There is a more major problem of how to get the front end working.

If this was a web development course, we probably want a local database running connected to Apache/a web server. Database server running locally container-container. Web server running globally.

How are you going to develop in this environment. How do the files get on the web server?

There will be solutions for Docker Desktops. Do some research. What you want is Brackets, for example, installed on a Docker image providing 'local' editing of files.

Play around with AWS desktop – see what you get.

Save references.

Plan for Next Week

Task		Deadline
1)	Near final draft of proposal. Try and send a draft a day early.	Next week.
2)	Do some background research and thinking	Next week.
3)		

Next Meeting

4pm Wednesday 31st October