GUIDED TECHNOLOGY PROJECT

H.DIP IN COMPUTING – 2021

WHAT IS THE GUIDED TECHNOLOGY PROJECT?

- Capstone module – bring together what you have learned across several modules

- INDIVIDUAL PROJECT – Your submission must be your own work. Reference sources properly!

- Commences early June – week starting 7th June

WHERE CAN I GET HELP?

- Weekly sessions in CCT / Online !

- Faculty available to make suggestions / give guidance – we cannot do the work for you!

- Online sources can be used – cite work that you have utilized!

- WARNING – You cannot just copy a large amount of work that you find online or in a textbook! This is not a "fair use".

WHAT DO I HAVE TO DO?

- TWO project briefs available

  - Select a project brief and get thinking about it!!

- OR BUILD YOUR OWN BRIEF…

  - If you have an idea for a project then you can propose this to us

  - Must have similar scale to pre-defined briefs

  - You need to submit your DETAILED proposal by the end of the first week!

    - WHAT (functionality)? HOW (technologies)?

SCOPE GUIDELINES

- "Programming" option → Web front end with DB back end (or mobile app with DB backend); functionality to store "customer" details and dates (e.g. for a booking); some element of pricing with ability to produce an 'invoice' for customer

- Networking option → Network design (using packet tracer) AND virtualisation "proof of concept". Business/organisation with 'divisions' that need to be kept separate.

TIMELINE

- Formally runs from early June to early Aug.

- Presentation / Online QA session after final submission deadline

- Interim submissions "on the way" – formative feedback
  - Draft Project Plan
  - Draft Chp 1

MARKING

- Several Components to the Project

- Marks available for each component – some "at the end" and some "along the way"

- Weeks highlighted in Moodle – Reminders as we go

MARKING – SOME DETAILS

Reflective Journal – Weekly Submission through a "Google Form" – LINK ON MOODLE FROM PROJECT START– 10% overall

Interim Presentation – (approx. midway through) – 5% weighting

Ability to Plan – 10% weighting (including 1% for draft submission)

Attendance & Engagement – Designated Supervision Sessions – Attend <u>at least 5</u> and show your work – 10% overall

Final Report – Week 10 – 25% weighting (includes interim submission marks)

Final prototype artefact (i.e. "what you built") – Week 10 – 30% weighting

Final Presentation – Week 11 – 5% weighting

Final Reflection – After final submission – 5% weighting

EXPECTATIONS!

- This is YOUR PROJECT – you need to do the bulk of the work!

- We can:
  - Give guidance
  - Provide general feedback (not marks!)
  - Make suggestions (you don't have to follow them – they are suggestions!)

QUESTIONS?